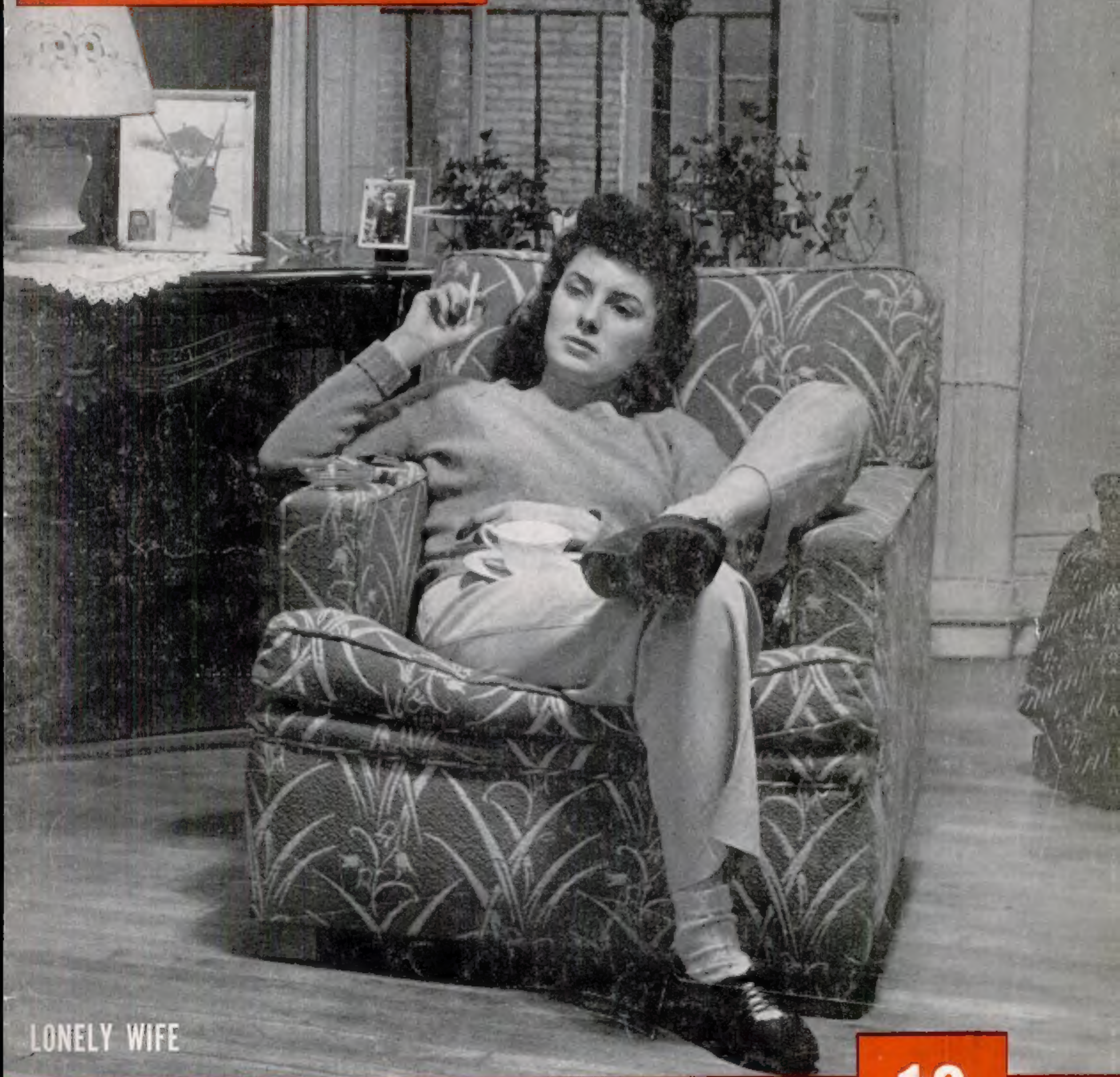


LIFE



LONELY WIFE

DECEMBER 21, 1942 **10** CENTS
YEARLY SUBSCRIPTION \$4.50

Get goin' STEADY

Why put off real pipe-happiness? Make a date with **Model**. Get the steady joy of pipe-smoke that's always the same—always good-tasting and fragrant down to the last mellow morsel in the bottom of the bowl.



When you puff away at a load of **Model**, everything's right in the world. You don't have to "smoke matches"—**Model** stays lit. Burns slow and dry-ash clean—leaves no soggy heel.



Makes no difference if you smoke a homely corncob or a fancy briar—give your pipe a chance to taste as good as you hope it will every time you pack it. That's a wordy way of saying, make a date with **Model**.

How's about it? Make a date with **MODEL'S "GAY NINETIES REVUE"**—CBS—COAST-TO-COAST EVERY MONDAY NIGHT

Did you say 10¢?



WHO'S YOUR FAVORITE MODEL?

Check your choice of the ten models shown below and send her name with your own name and address on a post card to: United States Tobacco Company, 630 Fifth Avenue, New York City, N. Y. We'll send you a gorgeous 8 x 10 full-color print suitable as a pin-up or for framing — absolutely free.



Make a date with MODEL

© 1943 United States Tobacco Company, New York



**PLEASE DON'T CALL
LONG DISTANCE
THIS CHRISTMAS!**



IT MAY be the "holiday season"—but war needs the wires that you used to use for Christmas calls.

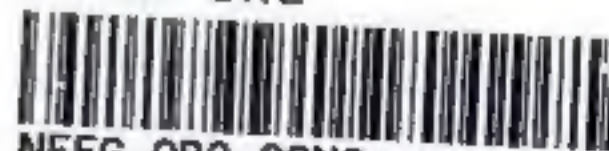
Long Distance lines are loaded with urgent messages. Extra lines can't be added because copper and other materials are needed for the war.

So—this Christmas please don't make any Long Distance calls to war-busy centers unless they're vital.

**WAR CALLS COME FIRST
BELL TELEPHONE SYSTEM**



This One



NFFG-0B9-G9N6

RONALD
MCLEOD



YOUR FATHER will not be here for this, your first Christmas.

The war has taken him far away from us, but his love warms our family hearth.

You are the son of a man whose principles are his strength.

He has gone to war for those principles. He has taken up arms against evil.

His faith is our faith. His strength is our strength.

☆ ☆ ☆

When he went away, I thought I should not survive. I have survived and grown strong.

The long months of not knowing where he was, were the months of my greatest trial.
New strength came to me.

The war drove us from our first home. I found strength in that small hardship.

I have tended you through all the hours of your days. I have grown strong with the tending.

I have scrubbed for you all the weeks of your life as I had never thought to scrub
for a mortal soul.

I have scrimped and saved so that each day's pennies could add their might
to winning the war.

☆ ☆ ☆

Now we two are about to celebrate our first family Christmas though your father
will not be here.

We have loaned him to America.

We have loaned him to the America you, too, will grow up to love.

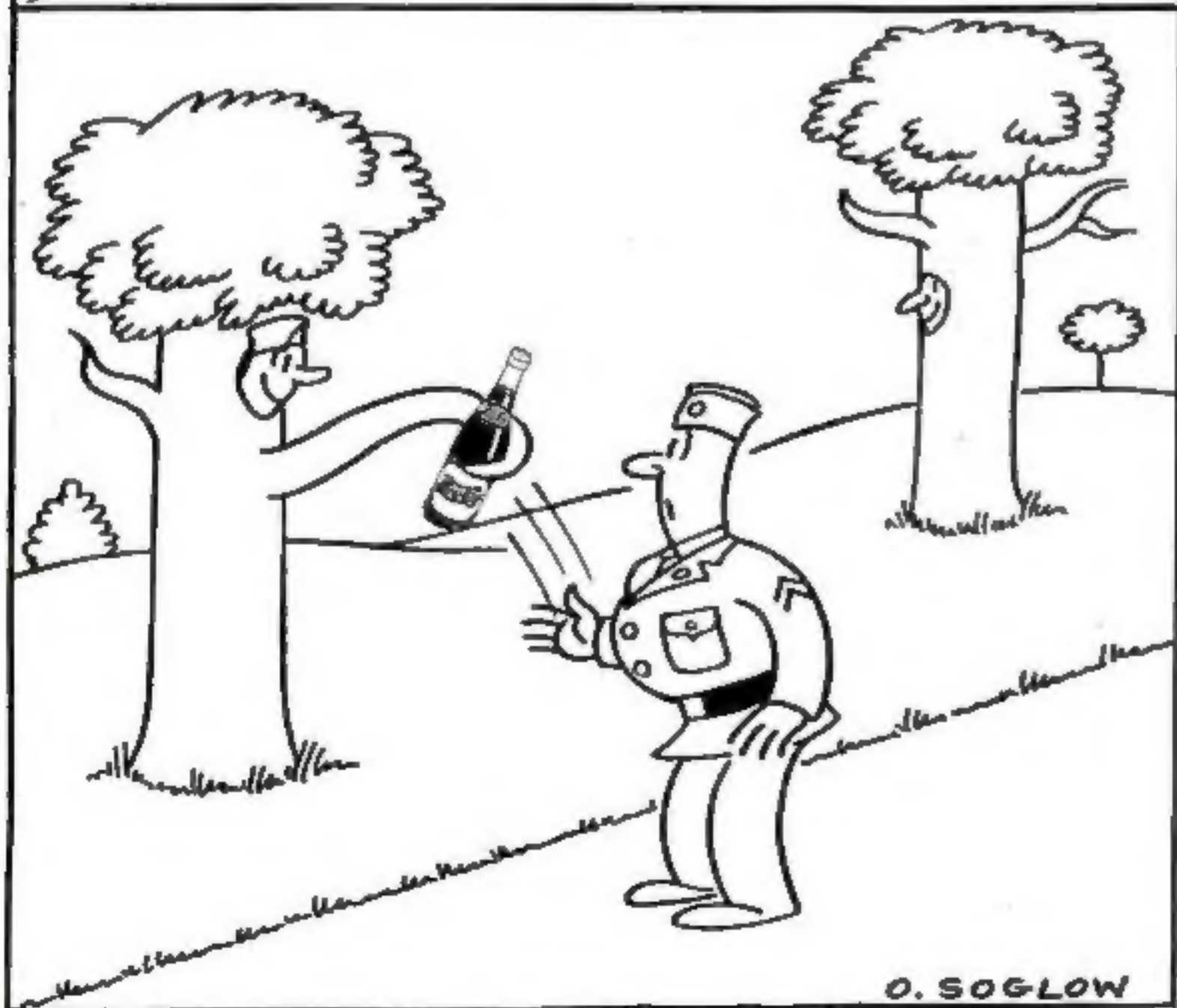
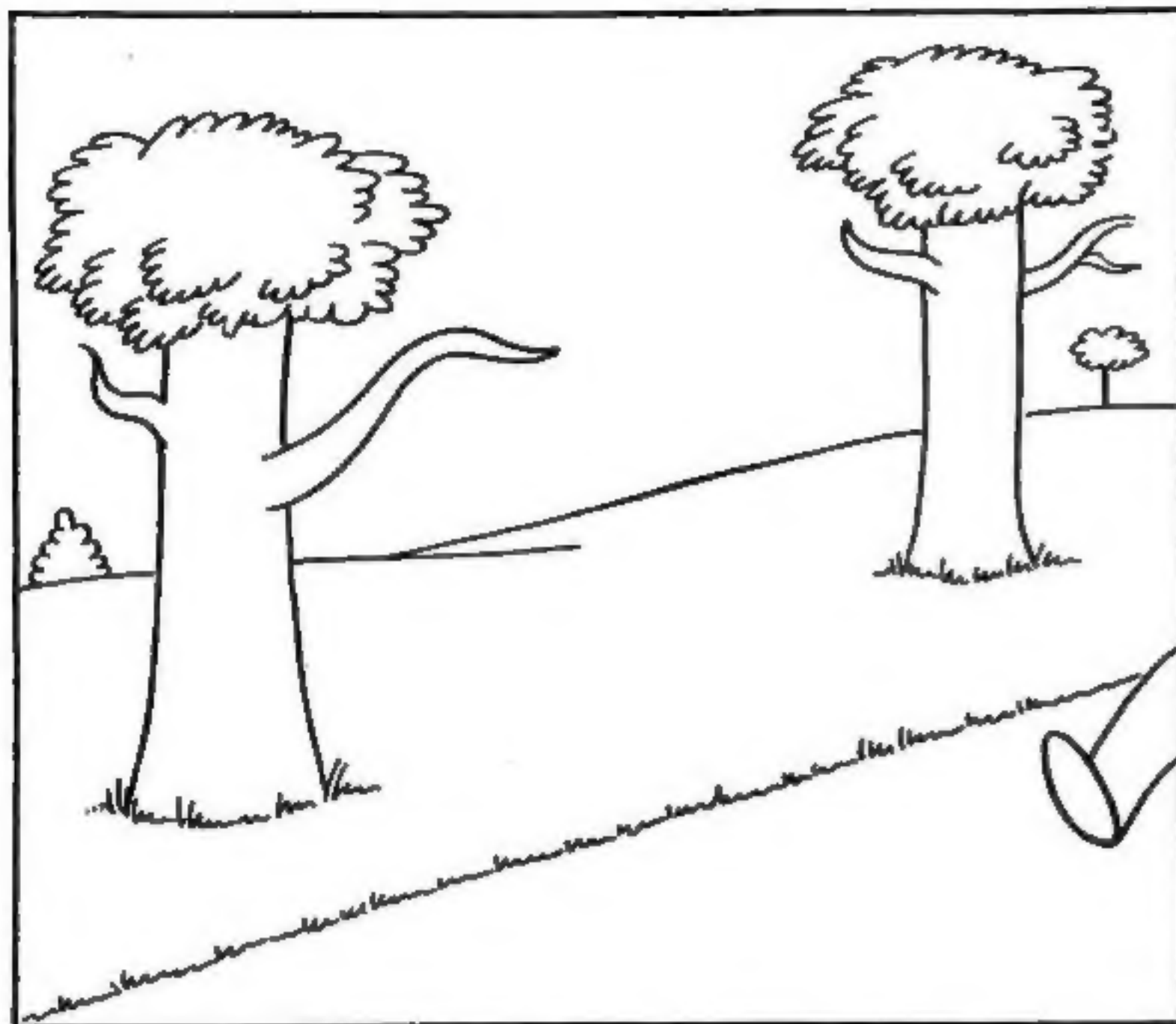
We have loaned him, so that in the years to come, young mothers everywhere,
on Christmas day, shall be able to say "Merry Christmas" to their sons.

UNITED STATES RUBBER COMPANY

ROCKEFELLER CENTER, NEW YORK



DOMINION RUBBER COMPANY, LTD., CANADA



LETTERS TO THE EDITORS

18-YEAR-OLDS

Sirs:

In the Nov. 30 issue of LIFE you published an article about Bob Berger of Nebraska City, Neb. which you headed: "18-Year-Old. Now he is the country's new Army hope." The Kansas City Naval Aviation Cadet Selection Board takes pleasure and pride in informing you that Bob Berger is now the Navy's hope. Also we want to express our thanks to LIFE for pointing out to us this excellent prospect for naval aviation. Shortly after the article about Bob appeared, a member of our Nebraska traveling board explained the opportunities in naval aviation to Bob and on Dec. 4 he was sworn in as a naval aviation cadet at our office here in Kansas City.

Bob will finish the school year at the University of Nebraska, then will begin his training as a naval aviation cadet, probably in June. Within approximately one year Bob can receive his Navy Wings of Gold and his commission as either an ensign in the Naval Reserve or a second lieutenant in the Marine Corps Reserve. His pay will then be increased from the cadet's \$75 a month to \$246 a month and upward.

We found Bob completely natural and unspoiled despite the extensive publicity you had given him. His chief worry, after he was sworn in, was to get back to Lincoln in time for what he called "a heavy date" for a military ball. Bob didn't make it but we think he is going to make a first-rate naval aviator.

LIEUT. THEODORE M. O'LEARY
Naval Aviation Cadet Selection Board
Kansas City, Mo.

Sirs:

I greatly enjoyed your story on 18-year-olds but I was shocked when I found that 77.6% of the youth thinks the Government should provide jobs for all. They expect too much.

DAVID MULFORD
East Hampton, N. Y.

Sirs:

I'm a Canadian youth of 19. You claim your 18-year-old Bob Berger to be typical. I am convinced that although he represents a great number of young Americans there is yet an almost equal number of the opposite type, the one who does get around to "reading that book," who cares more about the classics than the coming hockey game still without foregoing it, who can do more than mumble something about freedom when asked what we are fighting for, and yet not in a didactic tone.

GERALD ROBITAILLE
Ottawa, Ontario

Sirs:

We are 18-year-old freshmen at the University of Michigan. For Bob Berger to be playing musical chairs and kiting games seems to us to be very childish. Here at the University of Michigan, we do not need to confine ourselves to adolescent games, as the environment of our university provides adequate recreational facilities for those of college age rather than childhood age.

GEORGE WETTERAN
GEORGE CURTIS
CHARLES NESS
LEW BEARDSLEY
Ann Arbor, Mich.

● Oldsters play musical chairs too. See "The Stantons of Mansfield, Ohio" (LIFE, April 20) and "Wartime Parties in Atlanta, Ga." (LIFE, June 8). —ED.

TRUMAN INVESTIGATION

Sirs:

Congratulations to you for your article in the Nov. 30 issue concerning the apparently legitimate swindle at Linden, N. J. on the Winfield Park Defense Housing Project.


I believe as many thousands of others surely must, that we have reached a

(continued on p. 6)

One way to CONSERVE GASOLINE



SAVE GAS

 You will get more driving from every gallon of gasoline if you do these two things—faithfully:

- 1 Have your spark plugs checked, cleaned, and adjusted every 4,000 miles.
- 2 Replace badly worn plugs promptly.

Dirty and worn spark plugs waste as much gasoline as one gallon in every ten you buy.



GET PLUGS CLEANED
where you see this sign



AC Produces for Victory—Machine guns, aircraft spark plugs, standard spark plugs, oil filters, and many other products are being supplied to our armed forces.

AC SPARK PLUG DIVISION
General Motors Corporation

"Mom . . . Mom . . . This is me, Ricky . . . I'm talkin' from Australia . . . How's it sound? . . ."

It sounds like this . . . Like the little boy who got homesick at Summer camp . . .

Like the kid who used to go dancing at the Dreamland pavilion.

It sounds like Ricky . . . The most important sound on earth!

He's big now and brave and tough enough to walk through

the side of a ship. But he's got an awful weakness for "Back Home"

. . . and letters from you, even letters that don't say anything, help . . . so do telephone calls.



Our big job at Stromberg-Carlson is making some of the equipment they use for these talks . . . Making communications equipment for battle . . . And making it just as reliable and just as durable as 48 years' experience has taught us!

There's another important job for each and every one of us . . . And that is to buy War Bonds and Stamps . . . as many and as often as we possibly can. It's the least we can do.

In radios, telephones, sound systems . . . there is nothing finer than a



STROMBERG-CARLSON

SAVE with this **VICTORY RECIPE** by

Sunbeam

AUTOMATIC

MIXMASTER

THE BEST FOOD MIXER MADE



WE'RE BUYING
WAR BONDS
NOW—
FOR
APPLIANCES
LATER



OLD FASHIONED FRUIT CAKE

A CHRISTMAS TREAT YOU CAN ENJOY AS USUAL
Uses dried fruit, and honey replaces most of the sugar.
Made quickly...easily...deliciously...the Mixmaster way.

- **INGREDIENTS:**—4½ c. sifted all-purpose flour, 1½ tsp. soda, 1½ tsp. salt, 1½ tsp. ground ginger, 1½ tsp. ground cinnamon, 1 c. dried prunes, 1 c. dried apricots, 1½ c. raisins, 1 c. dried figs, ¼ c. citron, 1 c. nuts, ¼ c. butter or shortening, ½ c. brown sugar firmly packed, 2 eggs, 1 c. honey, 1½ c. sour milk or buttermilk. The above ingredients are for a 5-lb. cake.
- **METHOD:**—Sift together first five ingredients. Wash fruits, except citron, in hot water. Drain. Cut fruit and nuts into small pieces. Stir in ¼ cup of the flour mixture. Cream butter at No. 1 speed on Mixmaster. Add sugar gradually. Add eggs, beat at No. 8 speed, beat in honey. Reduce speed to No. 1, add flour mixture alternately with sour milk, scraping down bowl and beating after each addition until batter is smooth. Beat in fruit mixture. Pour into large greased and floured tube pan. Bake in slow oven of 325° F. for about two hours. Cool. Decorate as illustrated, if desired.

MIXES
MASHES
WHIPS
BEATS
STIRS
BLENDS
JUICES
FOLDS
CREAMS



"Dial" YOUR VICTORY RECIPE

- MIXING CAKES—FOLDING
- MASHING POTATOES
- MIXING COOKIES & FRUIT CAKES
- JUICING CITRUS FRUITS
- WHIPPING POTATOES
- WHIPPING CREAM
- BEATING UNCOOKED ICINGS
- BEATING EGGS
- BEATING COOKED ICINGS

Only Mixmaster has the exclusive MIX-FINDER Dial on which all the everyday mixing needs are plainly indicated. You simply "tune in" the recipe. And you know the results will have that "success secret" of delicious food—even, scientific mixing. Higher, lighter, velvety-textured cakes... creamy-fluff mashed potatoes... smooth-as-silk icings, sauces... more juice from the same oranges. No end to the time, arm-work and money it saves.

• There have been no Mixmasters manufactured at the Sunbeam factory for several months. However, your dealer may have one that was made before war production replaced Sunbeam appliances for the duration. Why not ask him? If he hasn't—buy a War Bond now for your Mixmaster later.

Made and guaranteed by CHICAGO FLEXIBLE SHAFT COMPANY, 3600 W. Roosevelt Rd., Dept. 53, Chicago
Canada Factory, 321 Weston Rd. So., Toronto. Over Half a Century Making Quality Products.

Famous for Sunbeam TOASTER, IRONMASTER, COFFEEMASTER, SHAVEMASTER, etc.

LETTERS TO THE EDITORS

(continued)

point in our history where a failure to meet such issues squarely will eventually result in a total loss of our democracy. Bureaucratic termites have been eating away at the very foundations of democracy for so long a time that the structure of it has been weakened. We cannot afford to continue to "compromise" and condone such situations.

JOHN X. WILLIAMSON

Chevy Chase, Md.

Sirs:

Congratulations for LIFE!

Your feature, Truman Committee Exposes Housing Mess, was a vivid example of editorial and pictorial exposition in my opinion. I would like to add one point to the justifiable criticisms of the poorly planned, badly built and sloppily supervised Winfield Park Defense Housing Project in Linden, N. J. (Better names: "Horror House," "Bungled Bungalow," "Chicken Coop Court.") LIFE stated that the 700-family project was built for war workers in the nearby Kearny shipyards.

That's the joker—nearby! "Winfield Park" is approximately 15 miles from the Kearny shipyards. Hundreds of New Jersey communities, having superior housing sites, are far more conveniently and advantageously located with respect to the shipyards. Why in the name of Defense Housing was the remotely located Winfield project ever sanctioned in the first place?

When the Truman Committee finally fixes responsibility for this gross mismanagement of Government and taxpayers' money and contracts, and turns the case over to the Department of Justice for prosecution, why not sentence the guilty ones to live in this disgraceful development under the conditions as pictured by LIFE?

E. L. SCANLAN

East Orange, N. J.

Sirs:

The article entitled Truman Committee Exposes Housing Mess was brought to the attention of the governing body of the city of Linden.

You state that the Winfield Park Defense Housing Project is at Linden, N. J. and is referred to as the Linden Housing Project. The fact of the matter is that Winfield Park is situated in Winfield Township and is wholly outside the boundary lines of the city of Linden. No part of the project lies within the city of Linden.

The city of Linden and its officials had no part in the planning of the housing project or in its development and construction.

THOMAS J. WIESER
City Clerk

Linden, N. J.

Sirs:

Had as the Winfield Park houses are, in looks at least they far outshine the John W. Smith Project in Detroit. I have not been in these houses—the exterior as seen from the road made me feel so ill that all I wanted was to get away from there as fast as I could.

These buildings are flat and hideous, they are painted in bilious green, battleship gray, dirty yellow and a dirtier pink. Their walls are made of "treated" plywood—in Michigan where we really have weather. The floors are wood on top of cement, nice and damp. These few building details I gleaned from one of the workers.

LAURA SUTHERLAND
Flint, Mich.

Sirs:

Why not picture a few of the outstanding successes of the vast Government housing program? Out here there are outstanding examples. In Vallejo there have been built a total of 1,700 homes of the one- and two-bedroom type, modern in every respect, comfortable—yet they are of the prefabricated, demountable kind.

Perhaps out here we have the lions' share of excellent architects, engineers

(continued on p. 8)

FOR "HER"
CHRISTMAS

Perfume IN A New Form

SOLID PERFUME... no bottles to break, no alcohol to evaporate!
World's most priceless perfume... costs little, lasts long... 12 fragrances... at drug and cosmetic counters.

\$1.00
plus tax



RIC PRODUCTS INC. • PHILA., PA.

The Holidays deserve the BEST



YES, the Holidays call for the best—including the wine you serve or send to friends. So, whether its Champagne, Still Wines, or Vermouth for cocktails, be sure of the extra taste-thrill... the Captured Flavor of TAYLOR'S New York State Wines.

TAYLOR Wines

FROM THE FAMOUS CELLARS OF
THE TAYLOR WINE COMPANY
AT HAMMONDSPORT, NEW YORK



1 Out of nowhere, an ex-soldier (Ronald Colman) whose memory has left him, a man without a name, without a past, comes into the life of Paula (Greer Garson), a music-hall entertainer. "I'll call you Smithy", she tells him.



3 One day he goes to Liverpool to see about an offer of employment. A careening cab falls him to the pavement. When he is brought to, he has forgotten his life with Paula, remembers only his past as wealthy Charles Ranier.



4 He returns to his estate, and is welcomed by his family, but still he is not happy. There is a void in his memory which he cannot fill. He hopes to overcome his morbidness, his emptiness by marrying Kitty (Susan Peters).



2 She helps him escape from those who would return him to the asylum. She brings him courage and hope—and together they create a new life to take the place of the one he had forgotten. Soon her sympathy deepens into love, and his gratitude is replaced by adoration for his benefactress. They are married.

AFTER "MINIVER"—WHAT?

Question asked by millions excitingly answered in "Random Harvest"

Metro-Goldwyn-Mayer knew what it was up against. In "Mrs. Miniver", it had created a mark to shoot at. "Mrs. Miniver" had played for ten weeks at Radio City Music Hall. "Mrs. Miniver" had been named on Ten Best lists by fans from Maine to Mexico. "Mrs. Miniver", too, had catapulted red-haired Greer Garson to the top of the heap among cinematic actresses, had made the choice of her next role quite a problem for her studio.

"Random Harvest" more than solves that problem. But it is not merely a great vehicle for a great actress; it is a moving story of a man who came out of the war ravaged in mind and body, and who found comfort and peace in a woman's love.

Ronald Colman gives a memorable performance as the ex-soldier. M-G-M hits the mark again. "Random Harvest" is truly a great picture.

"Random Harvest", from the novel by James Hilton, has been brought to the screen by Metro-Goldwyn-Mayer, and stars Ronald Colman and Greer Garson. Already it is being hailed as "The Hall of Fame Picture"—a rare tribute to its director, Mervyn LeRoy, and its producer, Sidney Franklin. The supporting cast includes such outstanding players as Philip Dorn, Susan Peters, Henry Travers, Reginald Owen and Bramwell Fletcher. The writers of the screen play are Claudine West, George Froeschel and Arthur Wimperis.



5 But then another woman comes into his life... a beautiful red-haired girl with a soft voice and depths of understanding. How Paula awakens Charles' lost emotions and brings him back to the happiness they once shared together makes one of the most poignantly exciting stories the screen has ever told.



"AT THAT, IT'S A BEAUTIFUL THOUGHT"

And *another* way to solve the problem this Christmas is to give her a bright new War Bond, and write on the card, "For that *Toastmaster* toaster you've set your heart on . . . when it's over, over there."

Of course she wants one! There's no other name in toasting that brings such pride of possession. There's no more magical way of enjoying perfect toast every time than letting a *Toastmaster* toaster pop it up, piping hot and delicious . . . nourishing bread in its most digestible form, toasted *your* way and never burnt.

By the by, there's *still* a chance that some appliance dealer around your way may have a stunning new *Toastmaster* toaster lurking in the background, as a prize for some lucky giver. No harm in looking!



SIMPLE CARE—FOR YEARS OF WEAR

If you *are* a fortunate owner, thank your stars and remember that even a long-lived *Toastmaster** toaster lasts longer if well treated. Remove crumbs frequently. Don't pry around inside with a fork—you might damage the heating elements. And oil occasionally, unless it is one of our latest models. Repairs? Better see your dealer.

TOASTMASTER *Toasters*

REG. U. S. PAT. OFF.

*"TOASTMASTER" is a registered trademark of McGraw Electric Company, Toastmaster Products Division, Elgin, Ill. Copyright 1943, McGraw Electric Co., manufacturers of Buss Electric Fuses, Clark Electric Water Heaters and Toastmaster Products.

LETTERS TO THE EDITORS (continued)

and honest contractors, for there has been no growling about the war-housing jobs in this area.

A. L. ADKINS
San Francisco, Calif.

GENERAL PATTON

Sirs:

To quote from your article on General Patton (*LIFE*, Nov. 30): "It (the Second Armored Division) became the toughest and most feared outfit in the whole Army." Listen, fella, we used to have that outfit here and the only time they were the toughest outfit was when our outfit wasn't in town. We have a bridge separating two adjacent towns here, Columbus and Phenix City, and I've seen times when there wasn't enough room on that bridge for all the 2nd Armored men trying to get away from the parachute troops.

That article I hope is the sentiments of one man, not the Second Armored Division, because if any Second Armored men or any men of any outfit of any branch of the service in the world—world, mind you—thinks that it is possible to overrun these men, come up and see us.

SGT. FRANK FREESTONE
U.S. Parachute Troops
Fort Benning, Ga.

Sirs:

It may interest you to know that General Patton won his appointment to West Point in a competitive examination conducted by a small committee of Los Angeles citizens at the request of their U. S. Senator.

I recall my father, the late S. C. Graham, one of the committee, telling about the examination. It was basic and stiff, requiring an ability with mathematics which discouraged nearly all the aspirants. The committee was so impressed with the ability and personalities of the winner and a very close competitor that they were pained to have to decide against either. Both stood out from all the others.

The accomplishments of the general would seem to place him in the class of thinkers and doers rather than among memorizers, in contradiction to his reputation as a poor student who memorized too much. And the examination he passed to attain West Point would suggest this, too. I wonder if the memorizing was not a necessary grind to retain petty (however necessary) detail underlying already-grasped broad principles.

GRAYSON GRAHAM
Los Angeles, Calif.

Sirs:

Thanks very much for your article on General Patton. I was a member of the then new Tank Corps of 1918, and I served at Camp Colt and in France.

General Patton's prime purpose in life was to bust at least three noncons before noon, and while I never met up with him, fortunately, his reputation on that score was notorious.

I wish him the best of luck, and I am sorry that I am unable to be with the outfit. As they are now constituted, they are a hard-hitting, fast-moving part of the Army and the elite of the ground forces.

L. W. "PATSY" CLINE
Wilmington, Del.

Sirs:

Perhaps General Patton got the idea that a general should lead his troops into battle from reading Sherman's comments on the subject.

The "Terrible Tecumseh" wrote: "No man can properly command an army from the rear. . . . The directing mind must be at the very head of the army—must be seen there, and the effect of his mind and personal energy must be felt by every man and officer present . . . to secure best results. Every attempt to make war easy and safe will result in humiliation."

LEO AJKMAN
Marietta, Ga.

(continued on p. 13)

SERVING A GREATER NEED



Bicycles are rationed today so that persons who need them for essential jobs, in war production or Civilian Defense, can obtain them. If you are one of those who need a bicycle, your local rationing board or dealer will show you how to get it. If you don't need a new bicycle, buy War Bonds! Be one of the first to have a new and finer Columbia—after Victory! The Westfield Manufacturing Company, Westfield, Mass.

Columbia
SINCE 1877
"AMERICA'S FIRST
BICYCLE"



VICTORY AT PUT-IN-BAY GAVE AMERICA THE FAMOUS LAKE ERIE WINE ISLANDS

★ When Perry's guns ceased firing in the Battle of Lake Erie . . . a district destined to be famous for its wine was saved for America! Today's most celebrated wine from these islands is E&K . . . produced in limited supply. Enjoy delicious E&K Sauerbrines, Burgundy, Sherry, Delaware. The E&K American Vermouths are unexcelled for cocktails. Engels & Krudwig Wine Company, Sandusky, Ohio. Since 1863.

E&K
OHIO
WINES

★
ALWAYS THE

Smart GIFT





No war front is too tough for these powerful heavy-duty Studebakers



Studebaker builds Wright Cyclone Engines for the Boeing Flying Fortress, military trucks for the United Nations and other war matériel

THEY'RE operating all over the world in the fighting forces of the United Nations—tens of thousands of these big, rugged, multiple-drive Studebaker military trucks.

And tens of thousands more are time-tabled to join up with them as fast as possible. The great Studebaker factories are turning out millions of dollars worth of these war trucks every week.

From builder of commercial trucks in peacetime, to one of the largest makers of military trucks in wartime, is a logical transition for America's oldest manufacturer of highway transportation.

For the sixth time in a national emergency, Studebaker has answered the Government's call for the production of army transport on a large scale. And when decisive victory is achieved, finer, more economical Studebaker trucks than ever will be available for civilian use.

Today, the traditional Studebaker watchword—*always give more than you promise*—has new and greater significance.

Studebaker is proud of its assignments in the arming of our Nation and its Allies.



FOR THE SIXTH TIME SINCE 1852, STUDEBAKER SUPPLIES TRANSPORT FOR THE ARMED FORCES

★ BUY U. S. WAR BONDS ★

MEMO:

Air Conditioning Research Laboratories

AN AIR CONDITIONER
FOR EVERY ROOM
IN THE HOUSE

Electronics

THIS APPLICATION IS
REALLY NEW!

Special Studies Group

This new, &
principle
makes it
possible
for ever

A Brighter Christmas Tomorrow

**WILL COME FROM
WAR RESEARCH
AND PRODUCTION TODAY**

TODAY, in this season dedicated to the ideals of *Peace on Earth, Good Will to Men*, we are all joined in a world struggle to preserve those ideals for the future. With faith in our cause and confidence in our strength, we look forward with hope to the *Christmas of tomorrow*.

It is no idle wish that gives us this vision of the future. Come what may, we are prepared for the trials and sacrifices which are the price of Victory. And in the

miracles which industrial America is performing for war, we see the dawn of a brighter day for all mankind.

With this incentive and inspiration, the men and women of Philco are serving every branch of our fighting forces, on the ground, in the air, above and below the surface of the sea. Tanks, planes and ships are fighting for freedom today, equipped with ingenious radio communications devices from Philco's production lines. Fuzes

Ultra High-Frequency Research Division

Hold This For
TELEVISION

Radio Circuits Research Division

P.A.R.
Here's something big,
for after the War,
every Philco Distributor
and Dealer can sell it
to Every Home in America!

Special Studies Group

and shells, made by Philco soldiers of production, are carrying destruction to the enemy. Huge Philco electric storage batteries are doing heavy duty jobs for the Army and the Navy.

In all this, the special field of Philco's soldiers of production is the science of electronics. Here, their peacetime products have made Philco famous in millions of American homes. Now, under the grim whip of war, their laboratories are creating untold miracles of electronic science that might otherwise have waited years for the light of day. With Victory, their deadly purpose will be translated into new and undreamed-of wonders of comfort, convenience and entertainment. Yes, the life of tomorrow... the Christmas of tomorrow

... will be happier and brighter for the scientific achievements of today.

For Victory... for this promise of the future... the message of Christmas 1942 is "Buy War Bonds." Buy them, regularly, so that our boys at the front can have the overwhelming superiority of fighting equipment which they need to conquer. Buy them so that, when Victory is won, you will have the means to enjoy the brighter Christmas tomorrow that will come from war research and production today.



THE ARMY-NAVY "E" FLAG has been awarded four times to the men and women of Philco for "Excellence" in war production... in Philadelphia, Pa., Trenton, N. J., Sandusky, Ohio, and Chicago, Ill.

PHILCO CORPORATION

FULL HOURS OF
CONTINUOUS
MUSIC

Revolutionary Idea
for a Refrigerator

FROZEN
FOODS



We shall ride this storm through!

THERE was a pioneer Christmas in America—when a lonely little band of Pilgrims knew fear and cold and hunger.

There was a Revolutionary Christmas—when a nation struggling to be born almost perished at Valley Forge.

There were Christmases in bitter years of civil strife and bloodshed—when brother fought brother, friend took up arms against friend.

There was a Christmas when the outcome of the first World War looked heartbreakingly unsure.

These times, too, shall pass away!

America will live to know a day when boys and girls can love and marry and not be torn apart . . . when mothers can tuck their children into bed without an anxious look to the sky . . . when Amer-

ica will be not only the land we know and love, but a land of richer promise than man today has even dreamed.

* * *

You can't make this a normal Christmas. Families are scattered, many gifts hard to get. You may have to hunt a little harder, for instance, to find the Hamilton Watch you want most to give the one you like best. (Hamilton is busy today making wartime precision instruments.)

But when you do find it, it's doubly precious now. Like the love you give with it, it's one of the things that endure. Like that love, too, it looks to the future—America's future—when Hamilton Watches may again mark every shining, golden hour of peace! *Hamilton Watch Company, 2122 Columbia Ave., Lancaster, Penna.*



© 1945 HAMILTON WATCH CO.





● Sparklet Bulbs, that have saved so many home drink mixers money, time and trouble, are now being used to save lives at sea. Used for instant inflation of life belts and vests—they add to the safety of sea and air-borne members of our fighting forces.

SPARKLET BULBS AND SYPHONS
for home use still available at some dealers

SPARKLET DEVICES, Inc.
DIVISION OF KNAPP-MONAHAN CO., SAINT LOUIS



You Can't Beat
*** Winter Woven Socks**
for Christmas

WEAR-RESISTANCE
Little Short of
MARVELOUS



LETTERS TO THE EDITORS

(continued)

BEL GEDDES MODELS

Sirs:

The remarkable models by Norman Bel Geddes pictured in LIFE, Nov. 30, deserve the highest praise. Their excellent craftsmanship, scale and accuracy, assisted by exceptionally good photography, give an impression of striking and uncanny realism. Even better than pictures of the actual scenes, which in many cases would be impossible, they show the physical surroundings, the action and the strategy involved in our most important military and naval engagements.

A CLARK HUDSON
Kingsport, Tenn.

Sirs:

Thanks for the splendid Norman Bel Geddes model illustrations. They have been a fine training aid to us in our courses in map reading and orientation.

LIEUT J A LLEWELLYN
Camp Blanding, Fla.

Sirs:

I am sure I speak for many new and old subscribers when I express a curiosity concerning the mechanics of the grand Norman Bel Geddes models.

I would appreciate knowing how he makes them, especially what he used for water and how the realism is achieved. Would it be revealing a secret if you gave us the inside story of what and how Norman Bel Geddes does it?

JOHN STERNIG

Deerfield, Ill.

● Sunday, maybe.—ED.

INDIAN BEARERS

Sirs:

LIFE's Reports in the Nov. 30 issue, containing the story of the "bearer" system of India, is the first reference I have seen of this in any newspaper or periodical covering the American troops in that strange land of mysticism.

However my brother sergeant Seymour D. Roffer stationed in the headquarters company of the Service of Supply to China Burma and India has written my family since July telling us all about his personal bearer and recently sent us a picture of himself and bearer.

Among the duties which his bearer faithfully carries out is bathing the



SGT ROFFER AND BEARER

sergeant daily, shaving him in bed before arising in the morning, and serving breakfast in bed in the hotel where the company is harracked.

Receiving 60 rupees a month, which is more money than he had ever earned before, Sgt. Roffer's bearer has become so ambitious that he recently asked to be crated and shipped to the States, where he imagines his prospects will be increased a thousandfold!

R HERBERT ROFFER
Forest Hills, N. Y.

EVER TRY AN OLD FASHIONED MADE WITH SEVERAL WHISKIES?

1. Okay, cabbie...okay! I know you put only one whiskey in an Old Fashioned. But did you know that there is one whiskey that is really several whiskies to make your Old Fashioned pure nectar?



2. Just as I must "multi-blond" many colors to achieve a masterpiece of your portrait... so the matchless flavor of Fine Arts Whiskey comes from the "multi-blending" of several great whiskies.



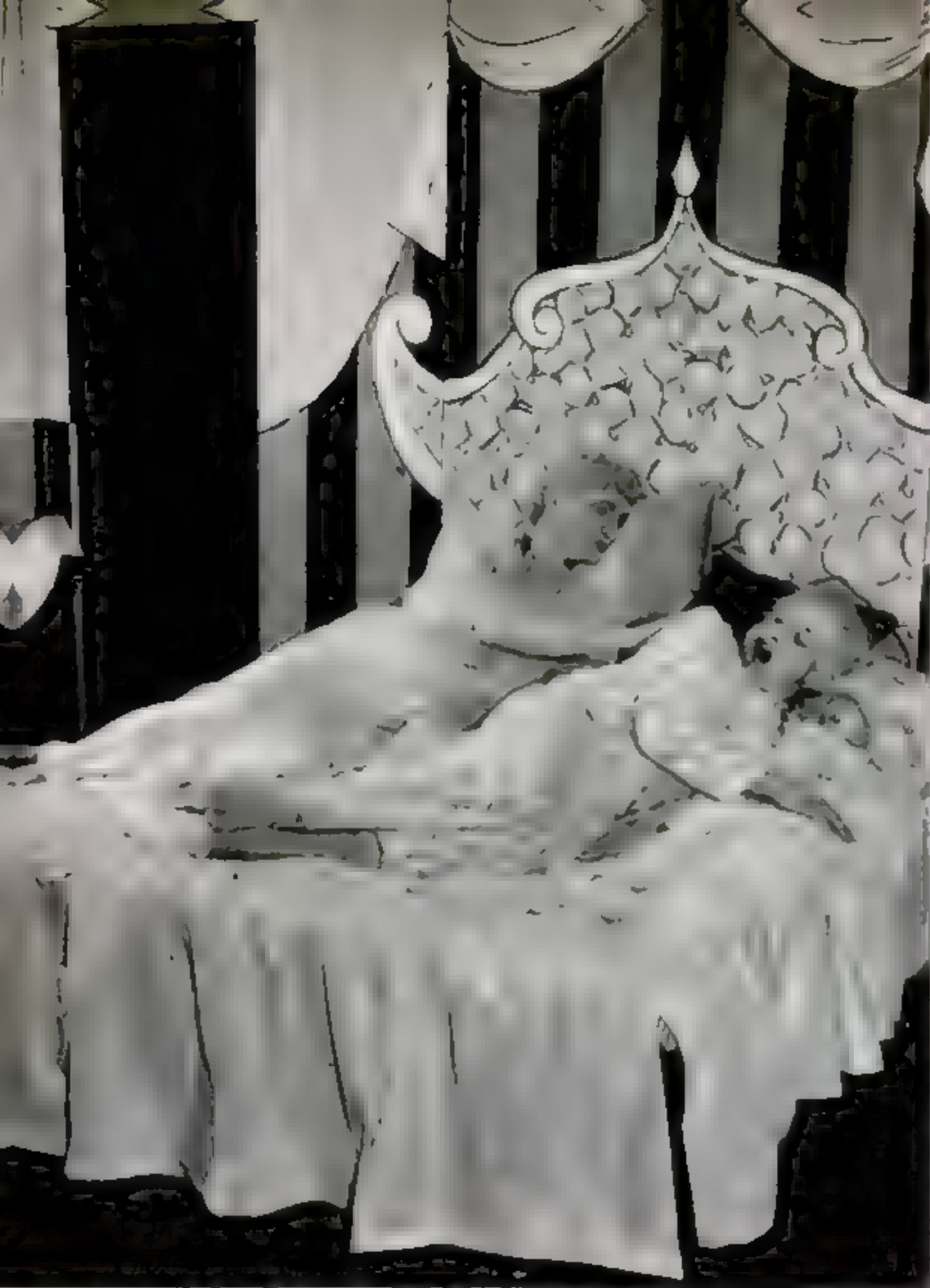
3. Yes! In Fine Arts...golden-smooth whiskies are skilfully united with other deep-flavored whiskies..."multi-blended" to perfection for rare flavor and aroma. And each whiskey is mellowed for a full 5-years!



FINE ARTS WHISKEY

THE BLEND OF 5-YEAR OLD STRAIGHT WHISKIES
90 PROOF

The straight whiskies in this product are 5-years old—90 proof.
Distributed solely by Canada Dry Ginger Ale, Inc., New York.



SPEAKING OF
... GUESS WHAT GOES ON



PICTURES . . .

HERE

(GIVE UP? TURN THE PAGE)



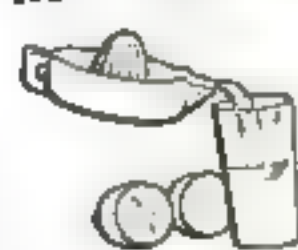
COMING DOWN WITH A COLD?

Temporary relief measures help ...but here are *five basic things* which most health authorities say you should do to help your system *throw off the infection*. And Lemons help with all five.



AUTHORITIES SAY DO THIS	HOW LEMONS HELP WITH ALL 5 STEPS
1 Keep warm; avoid further chill.	Hot lemonade is almost universally prescribed.
2 Eat lightly. Take plenty of liquids, especially citrus juices.	Lemon drinks go down easily— <i>taste</i> good even when you have a cold!
3 Get plenty of rest; overcome fatigue; build resistance.	Fresh lemon juice is one of the richest known sources of vitamin C, which <i>combats fatigue</i> . It is a primary <i>anti-infection</i> vitamin.
4 Keep elimination regular.	Lemon and soda (or lemon and plain water) is mildly laxative for most people. Gives gentle, natural aid.
5 Alkalinize your system.	Frequent glasses of lemon and soda, or lemon and water, are excellent to offset acid condition.
To gain the above benefits of lemons, start with a hot lemonade, then take lemon and soda (or lemon and plain water) every few hours as long as cold lasts. Try it! If cold does not respond, call your doctor.	

How to make Lemon & Soda



Pour juice of 1 lemon into half glass of water.

Add $\frac{1}{4}$ to $\frac{1}{2}$ teaspoon baking soda (bicarbonate). Drink as foaming quits.

Consumed at once soda does not appreciably reduce vitamin content.



DON'T WAIT FOR COLDS TO START!

Keep from getting run-down. Lemons, providing a natural alkalinizer, a mild laxative and vitamin C protection *all in one*, can help you keep up to par. Millions now take this refreshing health drink daily. Try lemon and soda (or just lemon and plain water) each morning on arising.

Copy: 1942, California Fruit Growers Exchange

Sunkist Lemons

IF YOU TAKE COLD TAKE LEMONS!

"Today at the Dancings"—CBS, 6:15 P.M., E.T.—Mondays, Wednesdays, Fridays

SPEAKING OF PICTURES

(continued)



Making up for the play included penciling eyebrows, painting fingernails and rouging lips. Note the "woman" (left) with braids and cotton padding "second fronts."

MEN IN KHAKI TAKE OVER "THE WOMEN"

The "girls" pictured on the preceding pages are a group of Camp Lee's soldier-actors who recently produced Clare Boothe's all-female satire, *The Women*, with an all-male cast. Despite their hairy chests, size-12 shoes and bulging biceps these "actresses" did a good job with the play, presented it as straight comedy, without burlesque. After the first half hour the audience forgot that "the women" were men, remembered only when they talked about having babies in hoarse voices.

To climax the three-day run of the play at Camp Lee, Playwright Clare Boothe put in an appearance. After the final curtain she stood on the stage, like a schoolgirl among the hulking "women," and said: "This play shows that, after all, there is very little difference between men and women."

As part of a war-bond drive the soldiers, in fatigue clothes, lugged the props and scenery 25 miles to Richmond, changed into their girdles and gave two more performances. Included in the costumes for the show were 20 brassieres which had to be stuffed with cotton padding. Boys called these "second fronts."



Second act scene shows two of the "girls" in the exercise room of a beauty salon. Audience in Richmond's Lyric Theater paid for their seats by buying war bonds.



STOUT-HEARTED shot to hell... but heading home

IT TAKES A STOUT HEART to aim your plane and torpedo into the close-up of hell that blazes from a Jap carrier...to take it on the chin and come back.

Yes, America's Invincible Crews are writing epics in the skies over the Pacific, over Europe over Egypt and all fighting points on the globe. And with them into combat rides *The Invisible Crew*... a Bendix crew of precision equipment. The stout heart of that crew is the "BENDIX-SCINTILLA" Aircraft Magneto. From its battle station behind the spinning propeller and roaring engine it generates constant electrical life.

Unfaltering, these magnetos deliver over 40,000

timed sparks a minute to each engine. Supercharged, they meet combat problems in the sub-stratosphere. Bendix engineered, they deliver a sparking power that exceeds the extreme operating demands of all modern aircraft in arid deserts, over steaming swamps, and ice-bound wastelands.

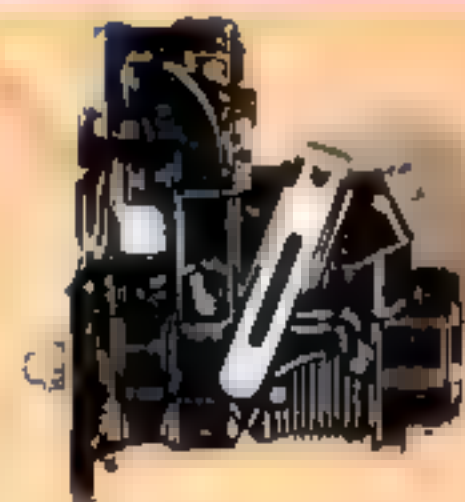
The "BENDIX-SCINTILLA" Aircraft Magneto is only one member of *The Invisible Crew* performing vital functions on land, sea and in the air. The Bendix engineering mind and tens of thousands of skilled Bendix workers have put precision tools for Victory into mass production to hasten our inevitable triumph.

SCINTILLA MAGNETO DIVISION

Join America's Invincible Crew... a Victory with no equal. Army, Navy, Marine Corps, Coast Guard, and 26 other branches of our most heroic service.



From Coast to Coast, 25 Bendix Plants Are Speeding "The Invisible Crew" to World Battle Fronts



THE STOUT HEART OF "THE INVISIBLE CREW"

The "BENDIX-SCINTILLA" Aircraft Magneto has solved many ignition problems of all-altitude flight with new developments:

Supercharging to control sparks in the sub-stratosphere. Exclusive cam and breaker point design to insure even firing and maximum power. Corona-resistant with improved terminal and distributor point design. The "BENDIX-SCINTILLA" Ignition System incorporates a special cast-sealed ignition harness and unique high performance spark plugs. Together, the magneto, harness and plugs create a uniform, balanced system.



P. Ballanting & Sons, Newark, N.J.



How American it is... to want something better!

TASTES VARY. All of us like the right to choose exactly what we want to eat or drink. You'd think, therefore, that in choosing a moderate beverage such as ale, there'd be much difference of opinion.

But there's *another* thing about Americans—their constant hunt for *something better*. And because *this* ale lives up so literally to the "Purity," "Body," and "Flavor," inscribed upon its three-ring trade mark, it has come to be . . .

America's largest selling Ale



LIFE'S REPORTS

FIRST U. S. RAID ON ITALY

by JACK BELDEN

Cairo (by cable)

Across the short and vital sea roads of the Mediterranean, war supplies are moving night and day toward Rommel in Tripolitania and Nehring in Tunisia. They have all been coming out of Italy. Most of them have been guarded by units of the Italian Fleet. So we decided to attack that fleet in its base at Naples, and to smash the war materials that are being loaded into vessels there.

At noon on Dec. 4, unshaven crewmen filled their bottles with lemonade, pulled brown baseball caps over their eyes, swarmed across the desert airfields, crawled under the bellies of their B-24's and turned over the motors. They were ready for the first American raid on Italy.

Lumbering and clumsy and pregnant with heavy-caliber bombs, the planes rose from the desert. Above the field they rendezvoused behind the lead plane piloted by Major C. H. Rueter of Waco, Texas. From the side of his plane there flashed the painted body of a prone naked woman and above it the legend, "Shanghai Lil." We followed Lil out along the coast road. We passed trucks carrying supplies to Montgomery's Eighth Army in western Libya, struck out over the Mediterranean and headed toward Italy.

For many minutes we skimmed over the sea, and at last, toward mid-afternoon, we started climbing. Now the dark blue water faded to an indistinct gray in the distance, the air grew thinner and colder, and we donned flying suits and oxygen masks. The afternoon wore on. Underneath us was nothing but the overcast. Everywhere nothing but cold gray clouds. That and our planes glinting in the sun and roaring toward Italy.

Our interphone sputtered. "Are we supposed to be over land?" inquired an anxious voice.

"In ten or fifteen minutes," rasped the voice of Pilot Neal.

But 20 minutes passed and there was no land. Unless that jagged, grayish mass sticking out of the clouds like sharks' teeth was land. Unless we were now passing over the mountains of southern Italy.

"I don't like this," I thought. "We are going over a great part of Italy to get at Naples. The whole countryside will be alarmed. There'll be a mass of pursuits waiting for us."

It had become cold. Goddam cold. Plumes of vapor were streaming from the exhaust of Shanghai Lil ahead of us.

Suddenly out of the gray overcast there appeared a slight clearing in the swirling mists, and below us we saw a brown, craggy mass of mountain, and then an open crater with smoke apparently issuing from it. Vesuvius. In back of it, Pompeii. Ahead, Naples. There, around the volcano, lay our goal. There lay the target.

We swung around to the right to stab at Naples from the rear. Smoke whirled up from the crater. Somewhere below gleamed a fire, whether in the crater or on the mountaintop itself we could not tell. It flickered red and baneful as if it were a warning that seemed to say, "Stop! Go no further." Sullen clouds closed in again. The ground was blotted out. Blurred voices scraped senselessly and indistinctly over the interphone. Above the roar of the plane this meaningless jumble added to the growing tension. And then sharp and clear came the voice of Neal.

"Open the bomb-bay doors."

There was a rumbling noise and an icy gust of air blasted up through the open belly of the plane. We began to lose altitude. Three to five thousand feet below us other formations followed after us and we all dipped downward. Suddenly we swept around Vesuvius, shot through a hole in the clouds and descended on Naples. The blood-red coin of sun was sinking in the gray slo of sky, but the target was clear. Naples lay helpless and beautiful under our advancing wings and we broke into our bombing run and made for the target.

We swept across the hills in a wide circle and passed over houses running down into the opulent thickness in the heart of the town. We roared over railroad yards, factories and warehouses, and then swung in on the Italian Fleet lying in the harbor. Along a horseshoe waterfront large piers pronged out like thin fingers into the gray-

CONTINUED ON NEXT PAGE

Imagine a *Commando* afraid of me

THE GIRL: I think he was about to kiss me... but I guess my fatal charm must've scared him!

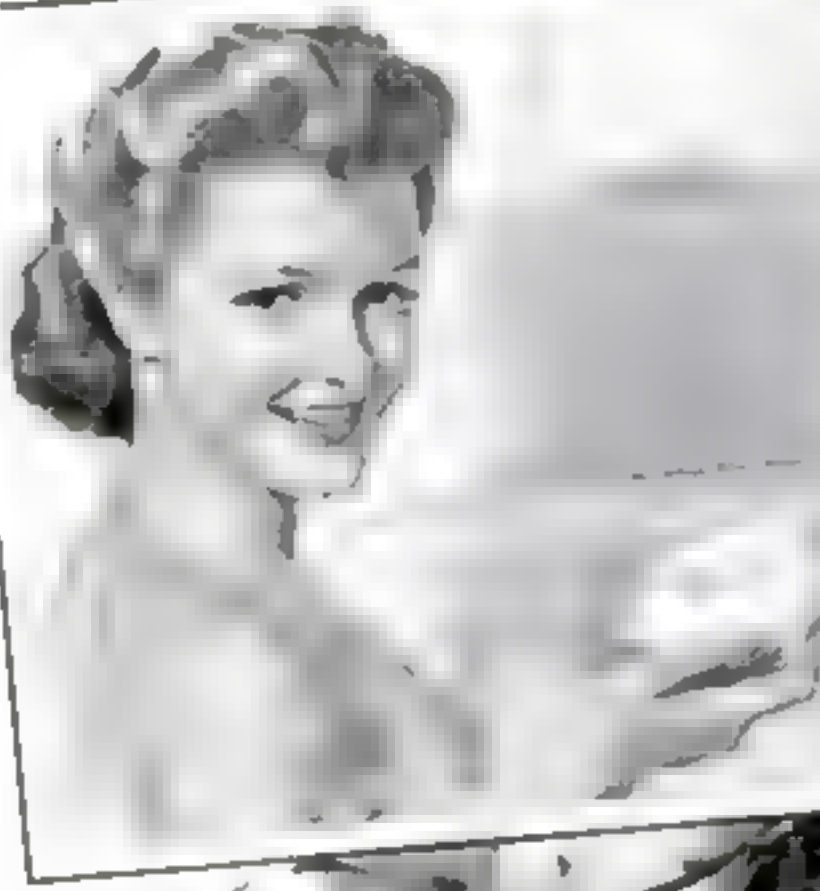
US: Don't fool yourself, darling... it's not fear that's making him run away!

THE GIRL: (peevishly) Sarcasm—just what do you mean?

US: Now, don't get mad—but before you'll ever capture your man—you simply must learn this secret of personal daintiness... the secret of bathing body odor away, the feminine way!

THE GIRL: The feminine way? Pish tush! I thought a soap for body odor had to have that strong "mannish" smell to be effective!

US: Ah, but this one's different. Here's a truly feminine, complexion-people soap that leaves an alluring fragrance on your skin... and daily use completely stops all body odor.



US: See what we mean? The rich, fragrant lather of today's specially-made Cashmere Bouquet Soap bathes away every last trace of body odor.

THE GIRL: Well, what'd you know about the truth! Suds like whipped cream... what a heavenly perfume! Smells like \$20-an-ounce!

US: (smiling) Thought you'd like it bet he does, huh?

THE GIRL: We'll soon know—I'm going down and—I hope remain clean with my Commando! Had this very night!



THE GIRL: (A-twitter) My goodness! Does Cashmere Bouquet guarantee such quick results every time?

US: You get the results! The gentle protection of Cashmere Bouquet just insures your daintiness for such intimate moments as this!

THE GIRL: But—but—he actually wants to marry me!

US: (not missing a trick) Why not? A smart girl like you—who appreciates that no other soap can get rid of perspiration better than Cashmere Bouquet—deserves nothing but the best!

Stay dainty each day...
with **Cashmere Bouquet**
the soap with the fragrance men love

THE GLORY OF DEMOCRACY

THE sacrifices that are needed in order to win the war are apparent to us all.

The Treasury's appeals to buy War Bonds, the Government's pleas to conserve gas and rubber, the economies required to avoid inflation, the necessity of rationing many essential commodities—all these have become vital in the minds of our people.

Necessity has awakened us, not only to the size of the task before us, but to the fact that our future as a nation is at stake; and in characteristic fashion we—all are responding.

Our hearts speak, our purses are open wide; and regardless of creed or color or political convictions, our honest differences of opinion are being dissipated before the issue that confronts us.

This is the glory of democracy; that a man may think as he will, speak as he will, vote as he will, and worship God in his own way: yet in the hour of peril to the State, that which is for the greatest good of all is not only his most compelling thought but the strongest prompting of his heart.

In that hour his thought is no longer of himself but of his country; and it is as though his soul were crying out those memorable words of Plato: "Man was not born for himself alone but for his country."

BUY WAR BONDS

Shelfwater, President

INTERNATIONAL BUSINESS MACHINES CORPORATION

LIFE'S REPORTS

(continued)

red tinted water. At the piers and quays lay destroyers, cruisers, battleships and submarines. Toward a group of six ships we loosed our bombs.

I darted about the flight deck peering out one window and then another. Below us I could see our second and third elements running on the target. I looked down on Naples. Smoke and flame were rising from the quay. Where once had been six ships was now only a blot of smoke. Gray puffs from our bombs, but coming up through them all a streamer of heavy black. Something was on fire.

Suddenly far below us a black object went hurtling toward a large ship. Perhaps it was a battleship, perhaps it was a cruiser, perhaps it was neither. We could not tell.

A gigantic bud of smoke blossomed where the ship had been. Ship and pier alike were hidden from sight. Then suddenly the black gloom was torn apart, a sharp spurt of orange flame climbed 2,000 ft. in the air and the quay of Naples glared.

As if this were a signal, the ground guns of Naples opened up. From the thick-packed, gray blocks of houses long flashes of light spurted forth and it seemed as if every street corner was flashing with a gun. From the heart of the city, from the hills to the north, came these winks of light and by this signal we knew Naples was distressed. Then heavy stuff shot up from the quay. Red balls coursed thousands of feet up into the air, searching through the gloom for us. I tried to be afraid but I could not. I watched the show but felt I was not in it.

We swung back over the harbor, drew out of range of the ack-ack guns and passed over the island of Capri. Laughing at the island's few futile bursts of fire, we headed out over the mountains of southern Italy.

The sun went down. The sky grew red, then black. We were free from pursuit. What had promised to be the most dangerous mission of the Ninth Air Force had turned out to be the safest.

We struck out over the Mediterranean and headed home. The mission to Italy was over.

YOU WOULDN'T DO THIS!



BUT... you should be sure

of your ground when you buy razor blades! Why pay more... when 25¢ now buys 18 of the keenest razor blades you ever used... Berkeley Blades! Switch to Berkeley today. Made of fine watch-spring steel; precision honed. Money-back guarantee! Consolidated Razor Blade Co., Inc. Jersey City, N. J.

NO BETTER BLADES AT ANY PRICE **18 for 25¢**

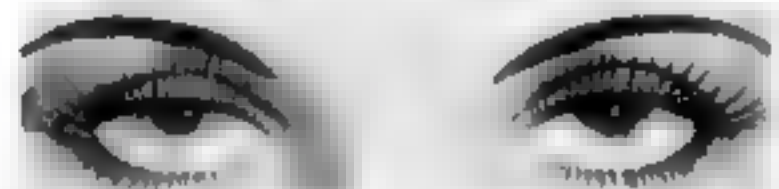


★ Buy UNITED STATES GOVERNMENT War Bonds and Stamps ★

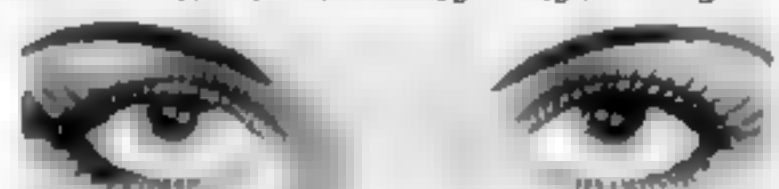
BUY MORE WAR BONDS

Blessed Relief from TIRED EYES

MAKE THIS SIMPLE TEST TODAY



EYES OVERWORKED? Just put two drops of Murine in each eye. Right away you feel it start to cleanse and soothe your eyes. You get—



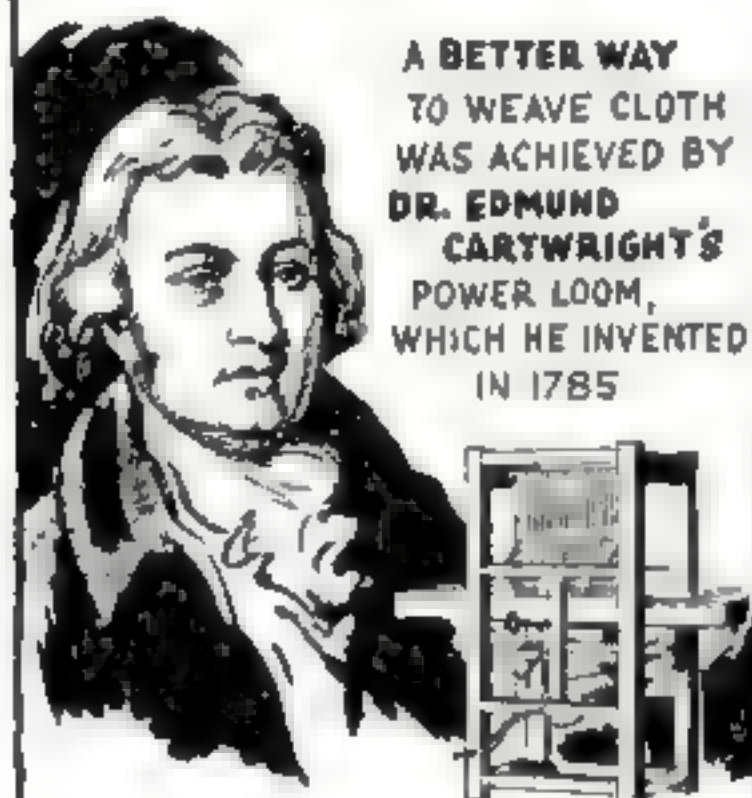
QUICK RELIEF! Murine's 7 scientifically blended ingredients quickly relieve the discomfort of tired, burning eyes. Safe, gentle Murine helps thousands—let it help you, too.

MURINE
FOR YOUR EYES
SOOTHES • REFRESHES



★ Invest in America—Buy War Bonds and Stamps ★

WE FOUND A BETTER WAY



A BETTER WAY TO WEAVE CLOTH WAS ACHIEVED BY DR. EDMUND CARTWRIGHT'S POWER LOOM, WHICH HE INVENTED IN 1785



THE BETTER WAY TO TREAT CONSTIPATION DUE TO LACK OF PROPER "BULK" IN THE DIET IS TO CORRECT THE CAUSE OF THE TROUBLE WITH A DELICIOUS CEREAL, KELLOGG'S ALL-BRAN. EAT IT EVERY DAY AND DRINK PLENTY OF WATER.



FOUNTAIN FAVORITE for YEARS

THE KID IN UPPER 4

It is 3:42 a.m. on a troop train.

Men wrapped in blankets are breathing heavily.

Two in every lower berth. One in every upper.

This is no ordinary trip. It may be their last in the U.S.A. till the end of the war. Tomorrow they will be on the high seas.

One is wide awake . . . listening . . . staring into the blackness.

It is the kid in Upper 4.

☆ ☆ ☆
Tonight, he knows, he is leaving behind a lot of little things—and big ones.

The taste of hamburgers and pop . . . the feel of driving a roadster over a six-lane highway . . . a dog named Shucks, or Spot, or Barnacle Bill.

The pretty girl who writes so often . . . that gray-haired man, so proud and awkward at the station . . . the mother who knit the socks he'll wear soon.

Tonight he's thinking them over.

There's a lump in his throat. And maybe—a tear fills his eye. *It doesn't matter, Kid. Nobody will see . . . it's too dark.*

☆ ☆ ☆
A couple of thousand miles away, where he's going, they don't know him very well.

But people all over the world are waiting, praying for him to come.

And he will come, this kid in Upper 4.

With new hope, peace and freedom for a tired, bleeding world.

☆ ☆ ☆
Next time you are on the train, remember the kid in Upper 4.

If you have to stand enroute—it is so he may have a seat.

If there is no berth for you—it is so that he may sleep.

If you have to wait for a seat in the diner—it is so he . . . and thousands like him . . . may have a meal they won't forget in the days to come.

For to treat him as our most honored guest is the least we can do to pay a mighty debt of gratitude.

FOR VICTORY



BUY UNITED STATES WAR BONDS AND STAMPS

THE NEW HAVEN R.R.

★ SERVING THE GREAT INDUSTRIAL STATES OF MASSACHUSETTS, RHODE ISLAND AND CONNECTICUT ★

"BAD WEATHER? I SEE PLENTY OF IT!"
 "Nothing like the North Atlantic in winter for nasty weather—and the wind and cold sure takes it out on my lips! They're usually badly chapped. They smart and burn, too."
 Sailors—like men in all other branches of the U. S. Armed Forces—need the special help that Chap Stick brings to weather-sore, chapped lips.



Service Men

Discover Quick Relief from Chapped, Weather-Sore Lips

Lips are vulnerable to weather. They lack protective glands to keep them from drying out and chapping. But here is news of Chap Stick, a medicated aid that protects lips against painful soreness and chapping. Chap Stick brings quick relief to

lips already weather-sore and roughened.

Fleet's Chap Stick is a special formula proved by over 50 years' service in American homes, now used by U. S. Forces the world over. Ask for generous 25¢ stick today in your PX or Ship's Service Store.

Look for the name Fleet's on the package—your assurance it's the one and only Chap Stick. On sale in drug stores everywhere. Chap Stick Company, Lynchburg, Va.



Former civilians often find effect of outdoor exposure painful to lips. Discover Chap Stick.

Pilots know the discomfort of chapped, parched lips. They need Chap Stick immediate relief.

Important to new recruits: form! Avoid rough, dry lips. Apply Chap Stick nightly.



ON DUTY WITH U. S. FORCES FROM ALASKA (40° BELOW) TO AFRICA (140° ABOVE)



VAT 69

The preferred Scotch both for Holiday Giving and Hospitality—because in age and taste VAT 69 is Scotch Whisky at its Best

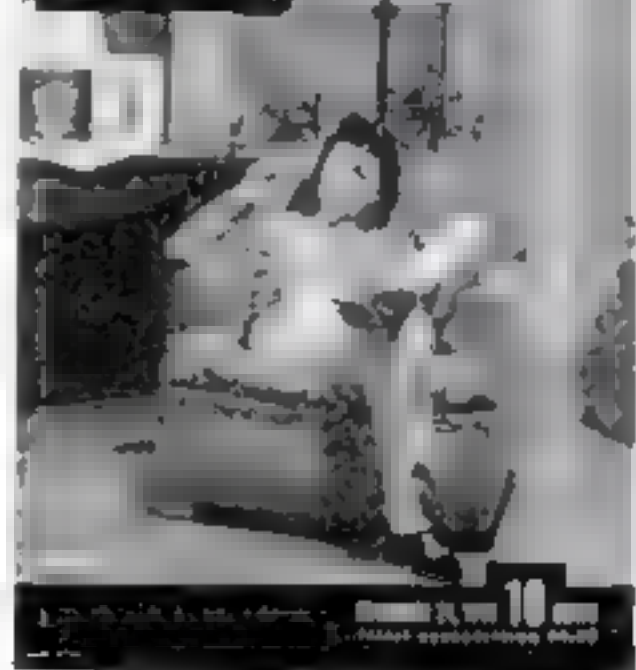
VAT 69

8 Years Old

PARK & TILFORD IMPORT CORP., NEW YORK, BLENDED SCOTCH WHISKY - 86 PROOF

LIFE'S COVER

LIFE



"Lonely Wife" (portrayed by Joan Thorsen) here surveys with misgiving her new living quarters. Her husband has gone to war. She has moved from three rooms to one, kept his favorite chair, a few lamps, pictures to give the place a feeling of home. How she adjusts to a husband-less life is shown on pages 71-78.

EDITOR

Henry R. Luce

MANAGING EDITOR

John Shaw Billings

EXECUTIVE EDITORS

Daniel Longwell, Wilson Hicks

ASSOCIATE EDITORS

David Cort, Joseph J. Thorndike Jr., Joseph Kastner, Noel F. Busch, Maria Scrimolano, Rachel Albertson, Edward K. Thompson, Lincoln Barnett, Roger Butterfield, Dorothy Hoover, Walter Gracner

ART EDITOR

Worthen Paxton

EDITORIAL ASSOCIATES

Julian Bach Jr., Don Burke, Maitland Eley, Alfred Eisenstaedt, John Field, Bernard Hoffman, Oliver Jensen, Bob Landry, Richard Lauterbach, Ray Mackland, Thomas D. McAvoy, Hansel Mieth, Lasberth de Moriani, Ralph Morse, Carl Mydans, John Phillips, Gerard Piel, Hart Preston, Tom Prideaux, Helen Robinson, David Scherman, Bart Sherridan, Bernice Shrifte, William C. Shroot Jr., Peter Strickpole, Lura Street, George Strock, Charles Tudor, William Vandivert, Margit Varga, Richard Wilcox

EDITORIAL ASSISTANTS

Margaret Bassett, George Caturani, Bernard Clayton Jr., M. E. Crockett, Diane Cummings, Michael Drury, Dennis Flanagan, Mireille Gaulin, Suzanne Hammond, Marie Hansen, Sidney James, Elizabeth Kelly, Will Lang, Jacques Lansdale, Dorothy Jane Larson, John Manthorp, Helen Morgan, John Morris, Jeanne Perkins, Joan Pifer, Richard Pollard, John Purcell, Lila Rixey, Shelley Smith, Jean Spenser, Marion Stevens, John Thorne, Eleanor Welch, Mary Welsh, Phil Wootton

PUBLISHER

Roy E. Larsen

GENERAL MANAGER

Andrew Heiskell

ADV'G DIRECTOR

Howard Black

*With the armed forces

†Prisoner of war

Subscriptions and all correspondence regarding them should be addressed to CIRCULATION OFFICE, 330 East 22nd Street, Chicago, Illinois.

LIFE is published weekly by Time Inc. Editorial and Advertising offices: TIME & LIFE Bldg., Rockefeller Center, New York City—Maurice T. Moore, Chairman, Roy E. Larsen, President, Charles L. Stillman, Treasurer, David W. Brumbaugh, Secretary

SUBSCRIPTION RATES: One year, \$4.50 in the U. S. & \$5.50 Canadian dollars, in Canada including duty, \$6.00 in Pan American Union, elsewhere \$7.00. Single copies in the U. S. & Canada 15¢. U. S. Territories & Possessions, 15¢, except here, 25¢.

CHANGE OF ADDRESS: Three weeks' notice required for change of address. When ordering a change please give both the new and the old address.

WHICH?

You Choose!



SOME TEETH ARE NATURALLY HARD TO BRYTEN

THEREFORE NO. 2

in the big BLUE tube or can—especially created by a Dentist to clean hard-to-bryten teeth

IODENT NO. 1, in the big RED tube or can, is ideal for teeth easy to bryten

Enjoy the real satisfaction of a truly fine dent frice—choose the IODENT for your teeth



FOR TEETH EASY TO BRYTEN

FOR TEETH HARD TO BRYTEN

IODENT TOOTH PASTE

IODENT TOOTH PASTE

IODENT TOOTH PASTE

IODENT TOOTH PASTE

IODENT TOOTH PASTE

IODENT TOOTH PASTE

IODENT TOOTH PASTE

IODENT TOOTH PASTE

IODENT TOOTH PASTE

IODENT TOOTH PASTE

IODENT TOOTH PASTE

IODENT TOOTH PASTE

IODENT TOOTH PASTE

IODENT TOOTH PASTE

IODENT TOOTH PASTE

IODENT TOOTH PASTE

IODENT TOOTH PASTE

IODENT TOOTH PASTE

IODENT TOOTH PASTE

IODENT TOOTH PASTE

IODENT TOOTH PASTE

IODENT TOOTH PASTE

IODENT TOOTH PASTE

IODENT TOOTH PASTE

IODENT TOOTH PASTE

IODENT TOOTH PASTE

IODENT TOOTH PASTE

IODENT TOOTH PASTE

IODENT TOOTH PASTE

IODENT TOOTH PASTE

IODENT TOOTH PASTE

IODENT TOOTH PASTE

IODENT TOOTH PASTE

IODENT TOOTH PASTE

IODENT TOOTH PASTE

IODENT TOOTH PASTE

IODENT TOOTH PASTE

IODENT TOOTH PASTE

IODENT TOOTH PASTE

IODENT TOOTH PASTE

IODENT TOOTH PASTE

IODENT TOOTH PASTE

IODENT TOOTH PASTE

IODENT TOOTH PASTE

IODENT TOOTH PASTE

IODENT TOOTH PASTE

IODENT TOOTH PASTE

IODENT TOOTH PASTE

IODENT TOOTH PASTE

IODENT TOOTH PASTE

IODENT TOOTH PASTE

IODENT TOOTH PASTE

IODENT TOOTH PASTE

IODENT TOOTH PASTE

IODENT TOOTH PASTE

IODENT TOOTH PASTE



A year ago, when Japan struck at Pearl Harbor, some people had misgivings about the railroads. They knew the railroads had been through twelve tough years... that they had about 25 per cent fewer freight cars and locomotives than in 1929. Yet they were being called on to shoulder the weight of the greatest armament program in American history, if not in the world. Now, what does the record show? Briefly summarized, it shows this...

Report to the Nation...



Today railroads are delivering 110,000,000 tons of freight a month, the greatest tonnage in their history—an average of 3,600,000 tons a day—every day. Most of it, materials for war.



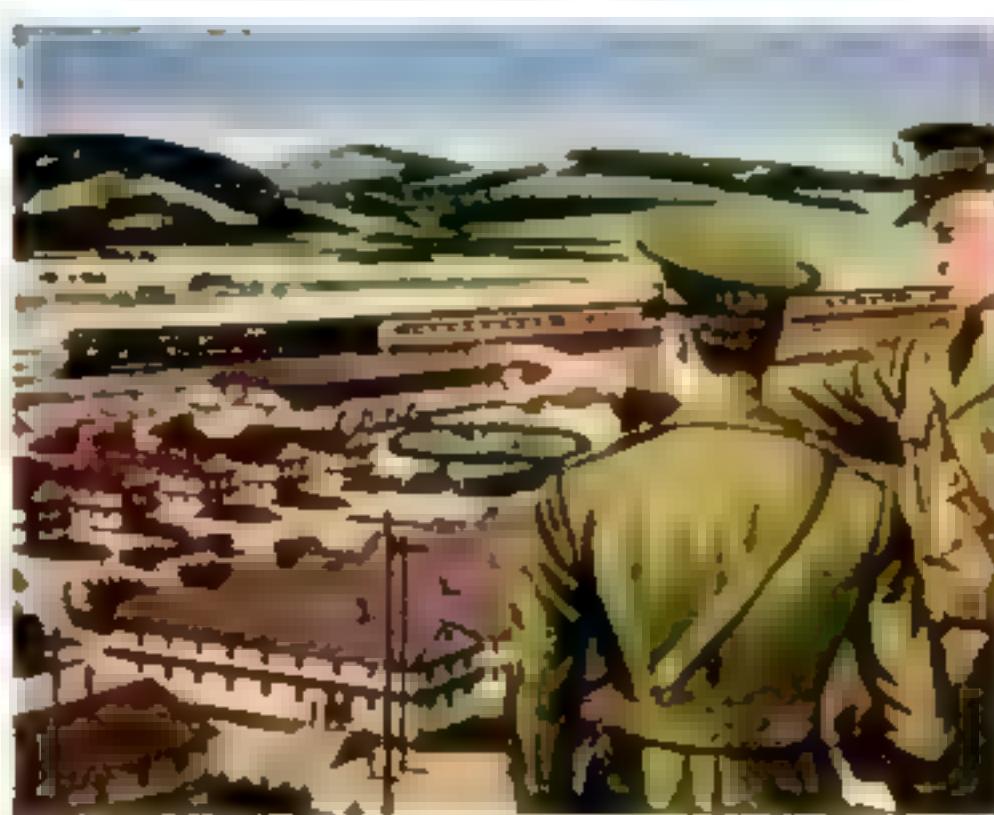
To keep industry going at top speed and homes warm and comfortable, the railroads have hauled 1,600,000 tons of coal a day—a greater load even than in busy peacetime days.



Although loaded down with huge war tonnages, the railroads were on the job, as usual, in the harvest fields to move all the grain and agricultural crops offered them for shipment.



Called in to "pinch hit" for oil tankers, railroads are rushing to homes, motorists and industry of the East over 800,000 barrels of petroleum daily—a feat hailed by the government.



Three times as many troops were moved in the first 10 months by train as in the same period of the last war—8,000,000. And this doesn't include soldiers traveling on leave!



Yet despite this unprecedented war load, the railroads continue to serve home needs smoothly and efficiently—they are carrying foods and commodities for all America!

One question still remains unanswered. How could the railroads do so much with so little? In the "lean" years they replaced the old with new... larger, more powerful locomotives... bigger freight cars... revolutionary automatic operating systems... modernized railroad

methods on a wide scale. Pennsylvania Railroad alone spent nearly \$670,000,000 in improvements. So, thanks to the courage and vision of railroad management, Uncle Sam had at his command practically a new railroad system when the call came... "keep 'em rolling!"

PENNSYLVANIA RAILROAD

Serving the Nation

...—BUY UNITED STATES WAR BONDS AND STAMPS

Tick-Tock...Tick-Tock... IT WAS WORTH THE WAIT!



SOME DAY a drink will be put in your hand, and you'll take a sip . . . and pause in your talk while you take another, thoughtfully. And then you'll ask a question and the answer will be "That? . . . That's Old Charter!" And you will have made a friend for life . . . For when we started with whiskey this noble by nature, then waited seven years while Time made it mellow and ripe . . . we were bound to wind up, as we have in Old Charter, with a whiskey that would get asked about . . . and remembered!

THIS WHISKEY IS 7 YEARS OLD, 90 PROOF, STRAIGHT BOURBON WHISKEY, AND BACKED BY AN UNEQUALLED RESERVE OF THE SAME FINE WHISKEY NOW AGING TO ASSURE THE SAME ENJOYMENT FOR YEARS AHEAD! BERNHEIM DISTILLING COMPANY, INC., LOUISVILLE, KENTUCKY

This Christmas Give

OLD CHARTER



A SUPERB AMERICAN
WHISKEY MATURED TO
7-YEAR PERFECTION

CONTENTS

THE WEEK'S EVENTS

War Manpower Commission Integrates Civilian and Military Manpower	27
LIFE on the Newsfronts of the World	32
Admiral Nimitz Dances with USO Girl at Navy Recreation Center in Hawaii	33
U. S. Remembers Pearl Harbor Day with Ships and Prayers	34
U. S. Negro Troops Are Based in Liberia	36
Battle for Tunisia... the Victory Runs into Trouble	38
African Airfields Are Headache to Pilots	46
ODT Asks Nonessential Travelers to Stay at Home	43
Secretary Stimson Moves Into War Department's New Pentagon Building	53
Las Vegas Gambling Booms with Wartime Prosperity	61

ARTICLE

Geopolitics, by Joseph J. Thorndike Jr.	106
---	-----

PHOTOGRAPHIC ESSAY

Aftermath of War	17
------------------	----

SCIENCE

Carbon Dioxide Gas Performs Many Wartime Functions	51
--	----

ART

American Artists Put On War-Foster Campaign	54
---	----

MOVIES

"In Which We Serve"	59
---------------------	----

WAR LIVING

Lonely Wife: New Book Tells Wives of Servicemen How to Get Along Alone	71
--	----

ARMY

"Wrong Way" Murphy Shows Officer Candidates What Not to Do	88
--	----

THEATER

English Comedienne Gracia Fields Moves and Sings	124
--	-----

SPORTS

Lewie Vaughan Teaches Swimming to Armed Forces	129
--	-----

OTHER DEPARTMENTS

Letters to the Editors	4
Speaking of Pictures: Men in Khaki Take Over "The Women"	14
LIFE's Reports: First U. S. Raid on Italy, by Jack Bolden	19
LIFE Visits the Bowery	118
Pictures to the Editors	114

ALL PHOTOS AND TEXT CONCERNING THE ARMED FORCES HAVE BEEN REVIEWED AND PASSED BY A COMPETENT MILITARY OR NAVAL AUTHORITY

The cover and entire contents of LIFE are fully protected by copyrights in the United States and in foreign countries and must not be reproduced in any manner without written permission.

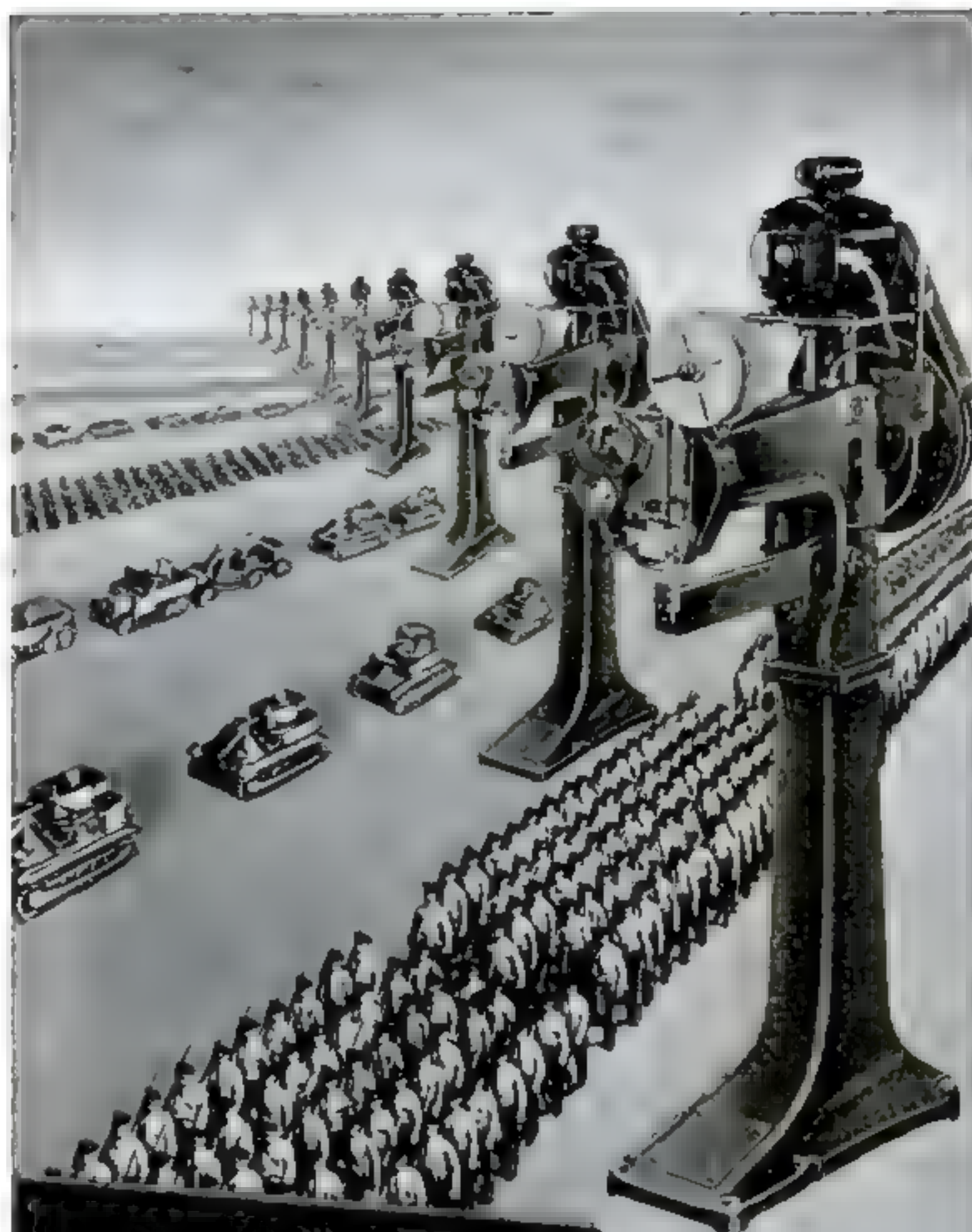
LIFE'S PICTURES

Somewhere between Washington, D. C., and Atlanta, Ga., Photographer John Phillips put aside his cameras and flash gun, lay down on the railroad tracks for a brief but well-earned rest. Reasons for his lassitude: two nights and days on trains for some of the pictures in this week's Don't Travel story (pp. 43-46), a day's work in New Jersey for the Carbon Dioxide story (pp. 51-53), six full days in New York on the Lonely Wife story (cover and pp. 71-78)

The following list, page by page, shows the source from which each picture in this issue was gathered. Where a single page is indebted to several sources credit is recorded picture by picture (left to right, top to bottom), and line by line (lines separated by dashes) unless otherwise specified.

COVER—JOHN PHILLIPS	45—JOHN PHILLIPS—ED CLARK—ED CLARK
14, 15, 16—MYRON H. DAVIS	CLARK, JOHN PHILLIPS, ED CLARK
25—WILLIAM S. BOWLAND	46—JOHN PHILLIPS EXT. BET. ED CLARK
27—OFFICIAL U. S. ARMY PHOTO—CHARLES S. STEINHEIMER	51, 53—JOHN PHILLIPS
28—UNARMED AIRCRAFT CORP.—J. R. BYERMAN	54—ALFRED RUENSTADT-PIX
29—WILLIAM C. SHROUT—JACK WILKES	59 through 66—TWIN CITIES PRODUCTION
WILLIAM C. SHROUT (2)—WILLIAM C. SHROUT, JACK WILKES, WILLIAM C. SHROUT	released by UNITED ARTISTS
30—INT.—A. P. THOS. J. BAZZEE—W. W. CAROL BYERMAN	71 through 78—JOHN PHILLIPS
31—CAROL BYERMAN	83, 84—MYRON H. DAVIS
33—OFFICIAL U. S. NAVY PHOTO	86, 87, 88—WILLIAM C. SHROUT
34—A. P., JACK WILKES—NELSON MORRIS, OFFICIAL U. S. NAVY PHOTO	91, 92, 93, 94—PETER STACKPOLE
35—ALFRED RUENSTADT-PIX	97 through 105—BOB LANDRY
36, 37—OFFICIAL U. S. ARMY PHOTO EXT. BET. OFFICIAL U. S. ARMY PHOTO FROM A. P.	106, 107—Maps by FRANK C. STOCKMAN & ANTHONY J. SODARO after RICHARD S. HARRISON
38, 39—NORMAN BEL GARDNER—insert map by FRANK C. STOCKMAN and ANTHONY J. SODARO	108, 109—Maps by FRANK C. STOCKMAN & ANTHONY J. SODARO
40—ELIOT ELISBERG	110—INT.—A. P.
43—ED CLARK	111—Map by MICHAEL PHILLIPS & ANTHONY J. SODARO after RICHARD S. HARRISON
	116, 117, 118, 121—H. S. CARTER
	124, 126—KARGER-PIX
	129, 131, 132—HERBERT GEHR
	136—T. W. MURDO EXT. BET.

ABBREVIATIONS: BOT., BOTTOM, EXT., EXCEPT, RT., RIGHT, A. P., ASSOCIATED PRESS, INT., INTERNATIONAL, P. I., PICTURES INC., W. W., WIDE WORLD



Can a
Bostitch Steel Stitcher
HELP WIN THE WAR?

300 STITCHES A MINUTE, even through metal... frequently twice as fast as other fastening methods... another illustration of a vital Bostitch fastening principle. Speed! Releasing more men, providing more materials, faster, for the fighting fronts.

Speed! Stitching two sheets of aluminum for a plane or steel and leather for a tank... applying building paper, insulation and shingles for cantonments... assembling war materials of metal, cloth, wood... sealing shipping containers bound for the war zones. Bostitching gives you speed!

Bostitching... which gives speed to War Production jobs... is more than just "fastening with wire". It is the exact application of the right staple and the right fastener, stitcher, tackler, or hammer to each job. Can Bostitching help speed your work?... Investigate!

The Bostitch Steel Stitcher won the Award for Industrial Research presented in 1939 by Engineering Societies of New England. Stitches cold rolled steel up to .070" soft steel and aluminum up to .116". Bostitch, 25 Division Street East Greenwich R. I. (Bostitch-Canada Ltd. Montreal).

BOSTITCH

AND FASTER
fastens it better, with wire.

STAPLING • STITCHING • TACKING

How Social Security Benefits

MAY AFFECT YOUR LIFE INSURANCE PLANNING



ARE YOU ENROLLED under the Federal Social Security Act and thus eligible for future Social Security benefits?

If you are—have you taken those benefits into consideration in planning the best possible way to have your life insurance money paid to your beneficiary?

Here in general is what the present law provides if, when you die or reach retirement age, you have qualified for Social Security benefits:

... Should you die leaving young dependent children, each child will receive a monthly income until reaching 16, or 18 if in school. As long as this income is being paid, your widow will receive

an additional income while unmarried.

... Should you die leaving a widow under 65, but no dependent children, she will be paid a lump sum at your death.

... In either case, your widow, if she remains unmarried, will receive a monthly income beginning at the age of 65, and continuing as long as she lives.

... If you yourself live to 65, and retire, you will receive a monthly income as long as you live. In that case, your wife will also receive a life income, starting when she reaches 65.

Here are three ways Social Security benefits may influence your decision on how to leave your life insurance money...



1. IF YOU HAVE YOUNG CHILDREN, your wife at your death may receive a monthly income from Social Security until the youngest child is 18. You will want to consider this income if you plan to have your insurance money paid her in regular installments, for it will help you determine the most effective amount and starting date for the installments, and how long they should continue.



2. IF YOUR CHILDREN ARE ALREADY GROWN, remember that at your death your wife will receive no monthly income benefits from Social Security until she reaches 65. At that time, she'll begin to receive a monthly income for the rest of her life. Therefore, you might want to fill in that gap by having all or most of your insurance paid to her as income to last until she reaches 65.



3. IF YOU LIVE TO SIXTY-FIVE and no longer need as much life insurance protection, you can have the values of your policies paid to you. This money, plus your Social Security benefits and any investments, may enable you to retire.

If you would like to know more about how your life insurance can be tied in with your Social Security benefits, see your Prudential agent.

The **PRUDENTIAL**
INSURANCE COMPANY OF AMERICA
HOME OFFICE: NEWARK, NEW JERSEY



ARE WE HELPING YOU?

This is another in our series of advertisements—"What Every Man Should Know About Life Insurance." This series is intended to give you the kind of practical information on life insurance that will be of real benefit to you and your family.

We hope these advertisements will help you understand life insurance better and give you a deeper appreciation of your agent's services. Your comments will be warmly welcomed.



Admiral King and General Marshall (above) are pictured at a historic meeting last week to discuss military and ci-

vilian problems, including manpower quotas. This official U.S. Army photo is a feeble record of so important a meet-

ing. Note flashlight and civilian movie man in rear. Press photographers were excluded through some official whim.

MANPOWER

SWEEPING CHANGES HALT ENLISTMENTS, CUT TOP DRAFT AGE TO 38, GIVE MCNUTT SELECTIVE SERVICE CONTROL

Last week Paul V. McNutt, as Chairman of the revitalized War Manpower Commission, had more power over more men in the U. S. than anyone has ever exercised in its history. The executive order signed by President Roosevelt on Dec. 5 "providing for the most effective mobilization and utilization of the national manpower and transferring the Selective Service System to the War Manpower Commission" integrated for the first time civilian and military manpower machinery. The Presidential order also specified that the ages for induction of men into the armed forces would be between 18 and 38, lowering the top draft age from 45. At the same time the War and Navy Departments announced that they had suspended voluntary enlistments. In the future all men will be drawn into the various branches of the armed forces through 6,400 local draft boards. Inductees will be given a choice of service, but no guarantee is made that requests will be granted.

Before drawing up a master plan for allocating men to the armed forces and industry, McNutt last week conferred with

Admiral Ernest J. King and General George C. Marshall (above), commanders respectively of the Navy and the Army. Although no official quota was released of the number of men who will be needed in the military services next year, McNutt

estimated that one out of every five men would be called by the end of 1943 as compared with the present ratio of one in nine. This would probably bring the combined Army-Navy total to about 9,000,000 by the end of 1943.

Under his new powers McNutt can act to end labor pirating, labor hoarding, and can speed up training. Last week he emphasized five principal points in the new War Manpower Commission program: 1) allocation of manpower to armed forces, war industries, agriculture and other essential civilian activities; 2) efficient use of labor for war industries; 3) mobilization of the nation's labor reserves; 4) transfer of workers from less essential work to war jobs; 5) providing labor required for essential agriculture. For more on the labor reserve mobilization and job transfers, turn the page.



PAUL MCNUTT IS NOW MANPOWER BOSS



SIGNBOARD AT LOCKHEED PLANE PLANT SHOWS 6,337 WORKERS HAVE GONE INTO SERVICE

WAR JOB TRAINING AND REHABILITATION

Unless the U. S. develops a huge new army of skilled workers to complement the present limited supply and to replace those taken by military service *(see left)*, we cannot hope to win this war. If the U. S. is to have 20,000,000 people in the combined war industries and fighting forces by the end of 1943 (20,000,000 more than in December 1941) the total labor force must be increased by 6,500,000 workers. At least a third of these new recruits must be women *(pp. 10-11)*. The balance must be developed through training and rehabilitation.

In the coming year the War Manpower Commission will have to induce, or order, several million men to shift from nonessential industries to war work. Here and there such shifts have been attempted on a voluntary basis by USES, but no nationwide campaign has been organized. The three men shown working below on a pipe expansion joint are typical of those who will have to join the industrial army. In their spare time they attend school in San Francisco and will soon qualify for well-paid war jobs. Hundreds of thousands of other men in nonessential occupations would willingly transfer to war work, but cannot afford to pay for training in advance.

Defense-job training will enable these three men to transfer from their present nonessential occupations to well-paid war

work as pipefitters. Leo Funke (left) is 32, married, a box-mattress builder. Lloyd Mahoney, 32, a dry-goods packer for

15 years, is married, has one child. Dave Dinsmore (right), 40, married with one child, has been a barber for 18 years.



SWELL THE MANPOWER POOL

The key to a mass manpower shift is in public training. Another reservoir of manpower is slowly being tapped by the rehabilitation program. There are an estimated 2,000,000 people in the U.S. unemployed due to varying degrees of physical imperfections. Last year the U.S. Division of Vocational Rehabilitation found work for 26,000 cases, 70% in war industries. In Connecticut, the Hartford Rehabilitation Clinic has been scouring the countryside for handicapped people, testing their physical and mental aptitudes, arranging interviews with prospective employers (see right) and finding them suitable jobs in war plants. To date not one handicapped worker placed by this clinic has failed at a job. Duplication of the Hartford set-up on a nationwide scale will help even more to plug the manpower gaps.



GERTRUDE LA ROCHE, A HUNCHBACK, INSPECTS GAUGES



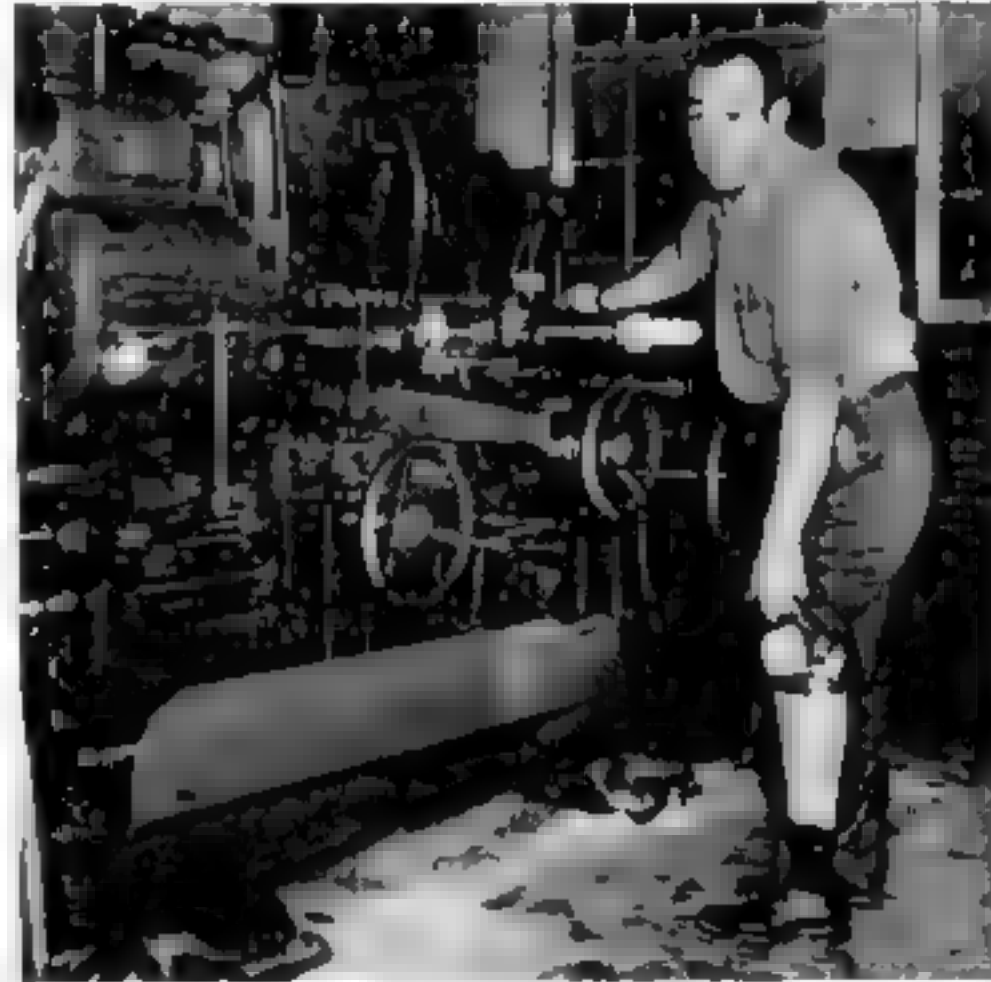
AT HARTFORD REHABILITATION CLINIC, CHARLES WOLF, ON CRUTCHES, IS INTERVIEWED BY POTENTIAL EMPLOYERS



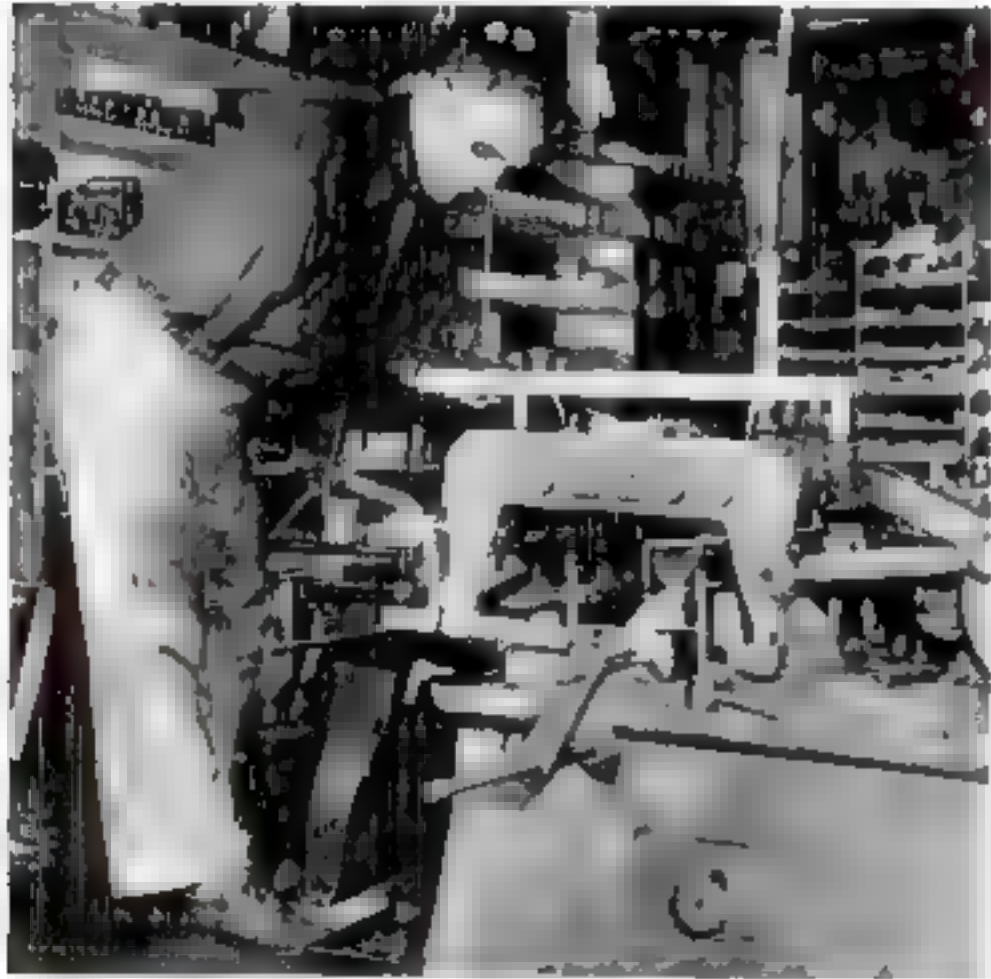
FOREMAN INSTRUCTS DEAF-MUTES AT AIRSEARCH MFG.



HAROLD ENGSTROM, A PARALYSIS VICTIM, WEIGHS PINS



SECTION SUPERVISOR AT COLT CO. HAS ONE WOODEN LEG



ONE-ARMED J. A. TESSIER RUNS TOOL-SAW MACHINERY



ED WESSON, IN CENTER, HELPS BLIND MEN SORT PARTS



CLINIC DOCTOR EXAMINES WOMAN WITH DEFORMED LEGS



WOMEN MAINTENANCE CREWS CHECK UP ON LOCOMOTIVE WHEELS AT MORRIS PARK SHOPS OF LONG ISLAND R. R.

Section gang, all women except the foreman, works on a track of Northern Pacific R. R. near Ravensdale, Wash. Women have been hired for similar jobs on the Pennsylvania



Gas stations have employed many women attendants since civilian manpower began. This girl wrenches hard, prepares to check the grease level of automobile differential.



Manpower (continued)

WOMEN BEGIN TO TAKE OVER SOME OF MEN'S DIRTY JOBS

In the last year the greatest single step toward increasing the manpower pool has been the recruitment of women into hundreds of jobs which they had never before held. But it is only a forward step, not a total solution. There are 42,000,000 U. S. women between 18 and 64. Of these about 15,000,000 are now engaged in war jobs. For 1943 Manpower Boss McNutt has set a goal of 6,000,000 women in war jobs, and even that may not be sufficient. "British experience has proved that women are capable of doing 80% of all war jobs," McNutt has pointed out. "With the earnestness and their ability to absorb training they can perform many operations better than men."

To date McNutt and WMC have put off needing a national registration of women for war work. But in specific areas where labor shortages are especially acute, such as Portland, Baltimore, Dayton and just a fortnight ago in San Diego, voluntary pools have been conducted through the U. S. Employment Service. These pools make it clear that before WMC can effectively step up the participation of women in industry, it must first overcome two principle obstacles: lack of an adequate technical training system, and lack of an adequate apprenticeship system. Both these systems must be established on a free or practically free basis before the 1943 drive for more women manpower can hope to reach its goal.

As shown on these pages, women are already beginning to take over some of heavier, dirtier jobs which have been traditionally reserved for men. They are also picking up their sleeves to work as garbage collectors, truck and bus drivers, sign painters, crane operators, "whistle picks" in the lumber yards, and as coal loaders on the waterfront.

Women miners sort ore from a fast-moving conveyor at Lancer Mines & Milling Co. in Mosier, Mo., in Range above Alma, Colo. Job requires strength, good vision and judgment to pick out barren pieces.



In a meat-packing plant on the West Coast, U. S. Persten has taken over an unpleasant but skilled job. She very quickly and deftly pulls guts out of sheep carcasses so they can be made into sausage skins.





JENNIE WILSON DOES A MAN'S JOB WASHING
DOWN A HEAVY BEEF CARCASS AT MEAT PLANT

LIFE ON THE NEWSFRONTS OF THE WORLD

The Best Christmas Present You Can Give The Boys Is "Economy"

The U. S. has always been the most wasteful country on earth. During the expanding twenties wastefulness was a part of the whizz and whoozle of the time. And during the late great depression it was certainly not discouraged by the schemers and dreamers who were trying to make work for the unemployed. Whether in prosperity or depression, we were the children of excess.

But now all that is changing. The sober fact is that we cannot fight a war all over the earth and have anything whatever to spare. The manpower shortage is so critical that it can be solved only by the large-scale employment of women. Shortages in materials such as copper and rubber have become a familiar part of our lives. Steel is tight. Farmers are desperate. The job we have undertaken is indeed so big that it cannot be done in the extravagant manner in which we have done big jobs in the past. We must approach it in a spirit not unlike that of our forefathers who had to subdue a continental wilderness with only the slimmest of resources. Our doctrine of excess must give way to their doctrine of frugality.

The Greeks Had a Word for It

When you want something badly, frugality is a pain in the neck. We would never choose it voluntarily. But since we must practice frugality anyway, it is well to recognize that it has its own special rewards. Doing a lot with a little can give you a sense of satisfaction that you never get from wasting things.

The best idea of what frugality really means can be had from the word "economy." This word has acquired a lot of high-hat meanings in recent times, but what it originally meant (from the Greek) was "household management." To call a person "economical," if you were to use the word in this old sense, would not imply penny-pinching or stinginess. It would mean, rather, that he or she was an efficient manager of the home—always thinking ahead, planning, and getting the most out of every expenditure of money or work. Of course, many Americans have always been "economical" in this sense, but most of us have been pretty careless. For example, we have always thought of a vacuum cleaner as "economical," and in one way it is because it saves work. But when you can't get a vacuum cleaner you have to think up other ways of being "economical" about dirt. For instance, you might ask Pop to be a little less debonair about the disposal of his cigar ashes. It may seem a far cry from Guadalcanal to Junior's muddy boots. But there is a connection—and the connection is "economy." The more

economical you are, in this old Greek sense of "management," the better the long-run chances of our boys at the front.

Chuck and Pigs' Knuckles

The requirements of the frugal life have already begun to change America in countless little ways. Farmers will not leave irreplaceable machinery lying around in the rain the way the careless ones used to. Automobile wheels will be kept lined up true, to save rubber, and houses will be kept on the cold side to save fuel. There are already signs of a revival of interest in sewing. Maybe sewing isn't the most exciting occupation you can think of, and yet you can get quite a thrill out of a successful remodeling that accomplishes a lot with a little. The same goes for furniture and household repairs. Retailers sensitive to the times are joining the frugality movement. B. Altman, the big New York department store, has set up a "Save-It Service," with a reconditioning specialist on each floor who gives free advice. The New York Board of Education has a school where mothers can learn to make small plumbing and electrical repairs.

But perhaps the most exciting aspects of frugality are to be found in the kitchen. As Chef Louis Diat of the Ritz-Carlton said, "Rationing is a challenge to my ingenuity." Americans have always been great artists with the can opener, but while canned food is quick and easy to prepare it is not apt to be "economical" except in special circumstances. The art of salvaging scraps from the table, long practiced with consummate skill by the French, is beginning to intrigue American housewives. Many a secret experiment on the back of the stove has resulted in a new and fascinating soup that the canning companies could not equal. In buying meat many American women have been accustomed to stick to the standardized "best cuts," but they are now beginning to explore animal anatomy more thoroughly—flank steaks, the breast of lamb or veal, so-called "plate beef," chuck and pigs' knuckles. As those who have mastered these economical cuts already know, there is a sense of achievement in cooking them well.

Most people who have pledged 10% of their earnings to war bonds will find that by an intelligent application of the principles of frugality throughout the home they can raise nearly half of their pledge.

The Christmas Season

All this seems somewhat incongruous just at this season, with Christmas only a few days away. For Christmas in America is probably the most lavish institution in the history of the world. But perhaps for this very reason Christmas, 1942, is a good time to begin your personal frugality drive. At any rate the Australians seem to think so.

They have what they call an "austerity" drive and they have forbidden the mention of Christmas in commercial advertising.

As a matter of fact, Christmas has become so commercialized in recent times that there is danger of our forgetting what it really means. It celebrates the Christian spirit, and its meaning is to be found not in glittering gifts but in hoary traditions: the story of the Nativity, the carols and hymns, the red candles, the blue lights on the snow. And besides these great common traditions there are others, just as important, which each family builds up for itself—mince pie, a fire on the hearth, mistletoe hanging from the ceiling. Some families always have a Santa Claus tied to the top of the Christmas tree, others always have a star. If you belong to the Santa-Claus-on-the-tree tradition you are miserable with a star. Then there are those crass literalists who always put a cup of coffee or bowl of milk beside the fireplace for Santa Claus. This tradition has certain literal disadvantages in that the cup or bowl should be emptied before morning, but nevertheless those who practice it feel that nobody else really enjoys Christmas. And so forth and so on. Christmas is a whole complex of traditions. And in almost every family there is at least one autocrat—Mom, or Pop, or maybe Gramp—who sees to it that they are enforced.

The Family

The traditions of Christmas, not the lavish gifts, are what make this day so important. For all these traditions have a meaning. They mean FAMILY. Even the story of the Nativity is a family story. When the family autocrat insists that the candy canes be hung on the tree the way his mother used to do it, instead of being placed on the table, he may sound silly to an outsider. But in fact he is asserting something about his family. He is making the family continuous—the most sacred institution we have. He is keeping it strong and safe against the encroachments of a world that is always trying to break it up and change it.

Anyone who has been to the front knows how much the boys think about home. The further they get from home, the more they think about it and long for it. They have discovered what a family really means, and whether they are thinking of their own parents, or of the girls they want to marry, nothing else in the world seems so important to them. It is for us back here to remember this fact on Christmas Day. We cannot help those boys by showering our friends with gifts. So don't spend your money. Don't spend it. The real service we can render the boys is one for which they will always thank us. We can keep the meaning of Christmas alive in the simple traditions that they learned to love when they were kids. In those traditions we can keep the family strong and safe and warm. Until they come back.

PICTURE OF THE WEEK

Admiral Chester W. Nimitz, whose usual life is concerned with strategy and battleships in the offices of the Pacific Fleet at Pearl Harbor, stepped

out on Dec. 2. In one of his rare public appearances, he attended the formal opening of The Breakers, a Navy recreation center for enlisted

men at Waikiki Beach. During the ceremonies he gallantly twirled Jackie Patum, of the cast of a USO variety show, a few times around the floor.

The Commander in Chief of the Pacific
Fleet shakes a leg with a USO girl at
a Navy recreation center in Hawaii





The world's biggest battleship, the 45,000-ton U. S. S. *New Jersey*, slides down the ways at Philadelphia just a year after the Japs attacked at Pearl Harbor. The *New Jersey* is a heavier sister ship of the *Iowa*, launched on Aug. 27.

PEARL HARBOR DAY

U. S. remembers with ships and prayers

Last week patriotic Americans groped for an appropriate way to commemorate the first anniversary of Pearl Harbor. Although it received no official blessing as a holiday, the day became in effect a spontaneous conglomeration of the Fourth of July, Armistice and Memorial Days. In many places there were flags and speeches, bond auctions and parades. In Los Angeles (below) and other West Coast cities there were elaborate demonstrations of our new awareness by civilian defense workers. In Chicago there was a beauty contest and a "Miss Victory" was chosen. In other cities and towns peoples of all faiths flocked to churches and prayed for the heroes and the future of America. One such special service was held in the Sts. Cyril and Methodius Church at Bridgeport, Conn. (opposite page), where the Children of Mary honored their parishioners in the armed forces.

Even more appropriate and more reassuring as remembrances of Pearl Harbor were the launchings on Dec. 6 and 7 of 20 ships, 15 warships and ten merchant vessels. At Philadelphia the 45,000-ton *New Jersey* (left), biggest and heaviest battleship in the world, slid down the ways into the Delaware River almost a full year ahead of schedule. Over the same weekend two new U. S. aircraft carriers, the *Bunker Hill* and the *Belleau Wood*, were launched. All of them will soon be ready to join the growing U. S. offensive which may make next Dec. 7 an even greater occasion for patriotic celebrations.



At Los Angeles, Major Arnett of the Marines addresses a Pearl Harbor Day rally as a prelude to demonstration of civilian defense under mock attack.



U. S. S. "*Belleau Wood*," an aircraft carrier, named for first major American victory in World War I, slips into the Delaware at Camden, Dec. 6. She was converted from a 10,000-ton cruiser.



U. S. S. "*Bunker Hill*," 25,000-ton carrier for over 80 planes, is surrounded by tugs in the Fore River after her launching at Quincy, Mass. She was launched only 15 months after keel-laying.

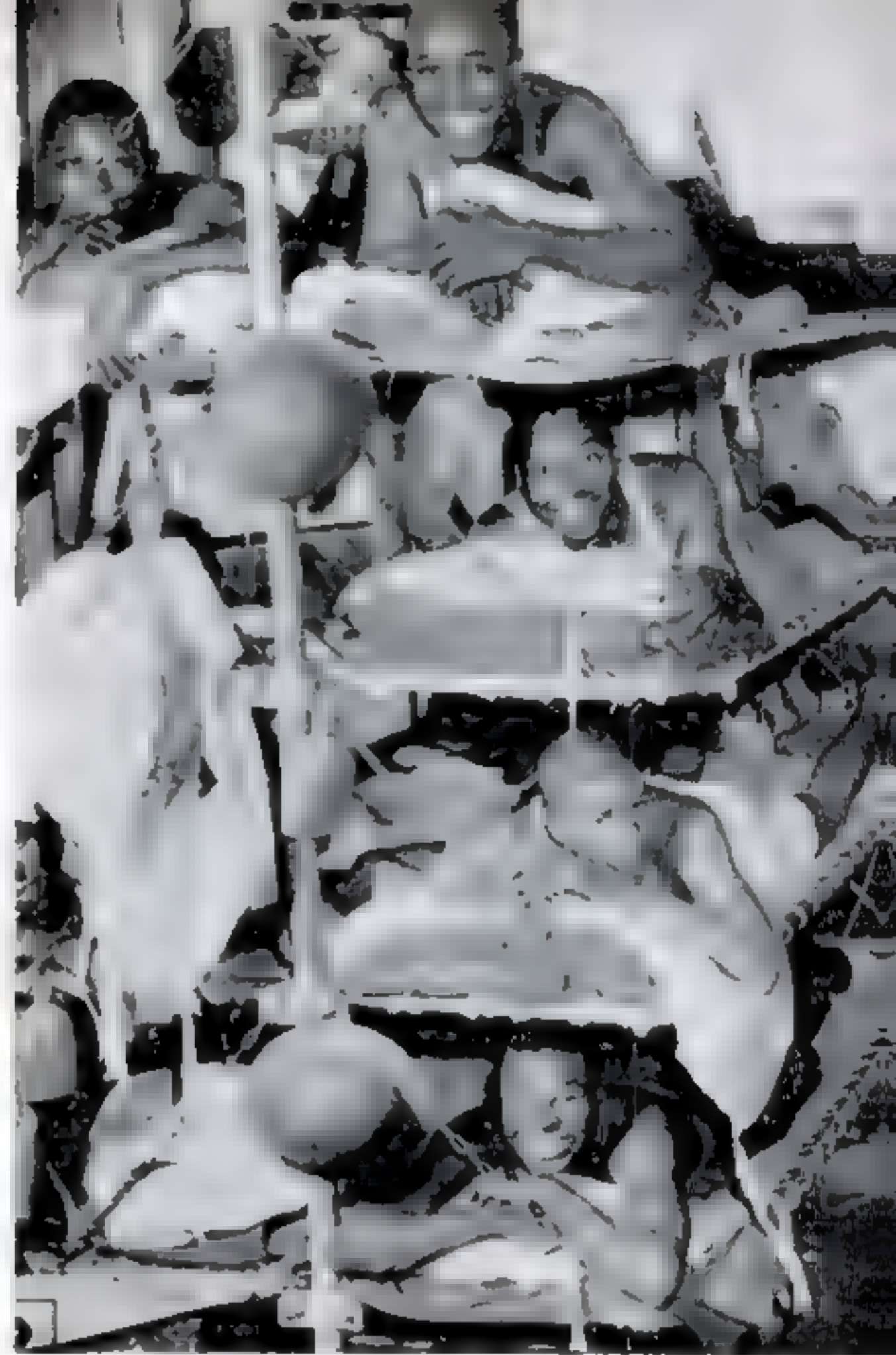


BRIDGEPORT CATHOLICS PRAY FOR PASSENGERS IN SERVICE



Mail from home is as eagerly awaited in Liberia as at any American fighting front. These soldiers who are forgotten try to take the situation philosophi-

cally. The worst discomforts in Liberia are driver ants, which are able to kill a man or animal. Even correspondent (below) wears protective netting at all times.



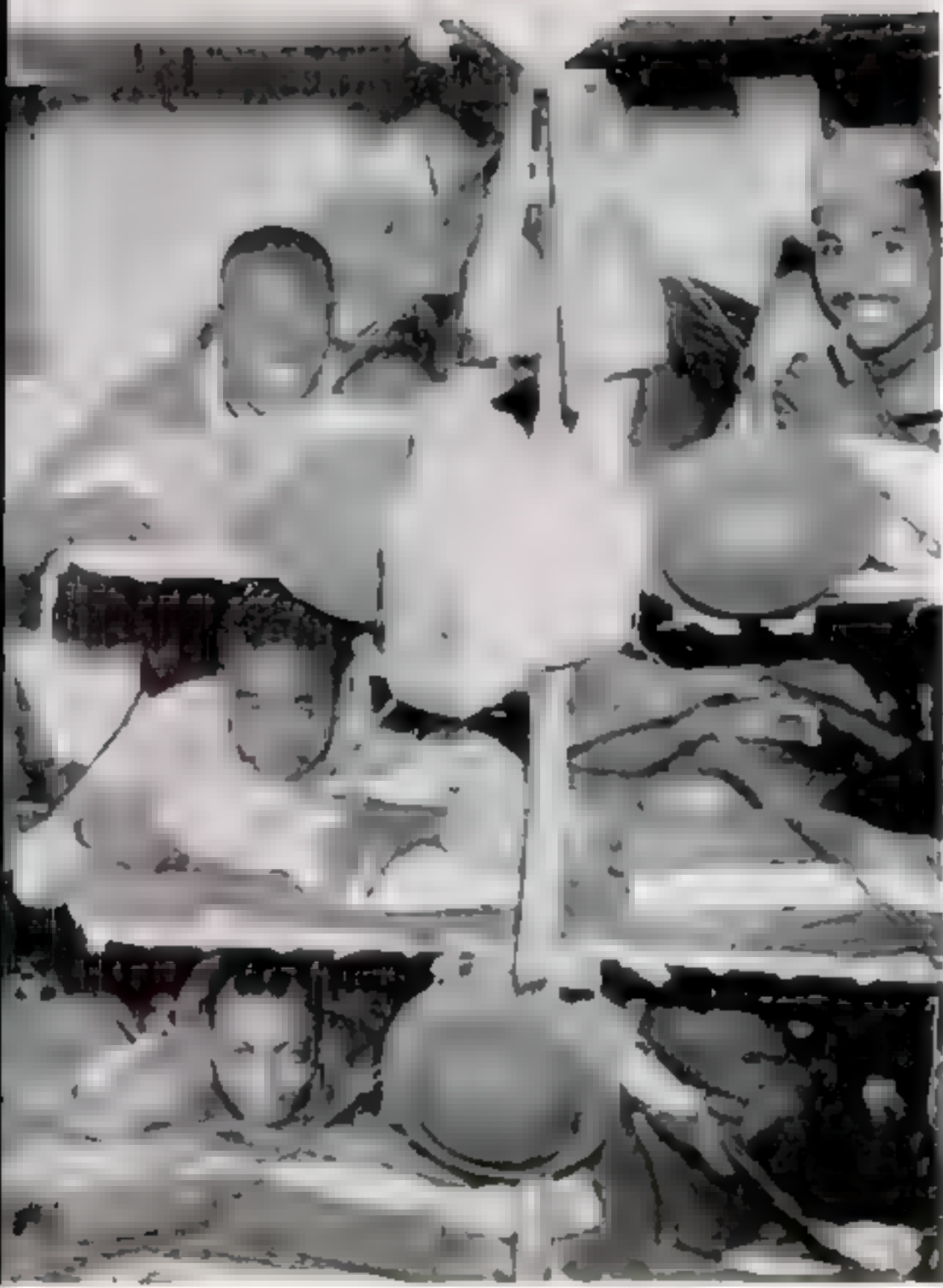
NEGRO TROOPS IN TRANSPORT GOING TO LIBERIA HAD A GOOD TIME.

U. S. NEGRO TROOPS

Last week it was announced that detachments of American Negro service and engineer troops had arrived in the tiny West African republic of Liberia to set up air bases and help free the coast from the operation of Axis submarines. This advance action of the eventual African invasion was made under a pact signed by the U. S. and Liberian governments, giving us control over the country's airports and its military installations. The landing went off without a hitch.

LIBERIAN STREETS ARE NOT TOO STRANGE TO THE AMERICAN TROOPS.





4,000-MILE VOYAGE WAS ACCOMPLISHED WITHOUT A SINGLE CASUALTY

ARE BASED IN LIBERIA

In their six months in the fever-ridden country which their race helped settle and proclaim a republic in 1847, the American troops have accomplished many things. They have built barracks and roads, taught the natives to pitterbug and eat Southern fried chicken. In return, they have exchanged their favorite game of craps for a similar one played with five peanut shells, have become at home in the native towns that look surprisingly like many of the ones they left behind.

EXCEPT FOR COSTUMES, THIS MIGHT BE A SMALL U.S. SOUTHERN TOWN



First American to land in Liberia was Private Napoleon E. Taylor. Stepping up to a group of native workers he uttered this carefully prepared statement:

"Liberians! We are here to join hands and fight together and this world is free of tyrannical dictators." The soldier in improvised slippers echoes his feeling.



THE BATTLE FOR TUNISIA

The victory runs into trouble

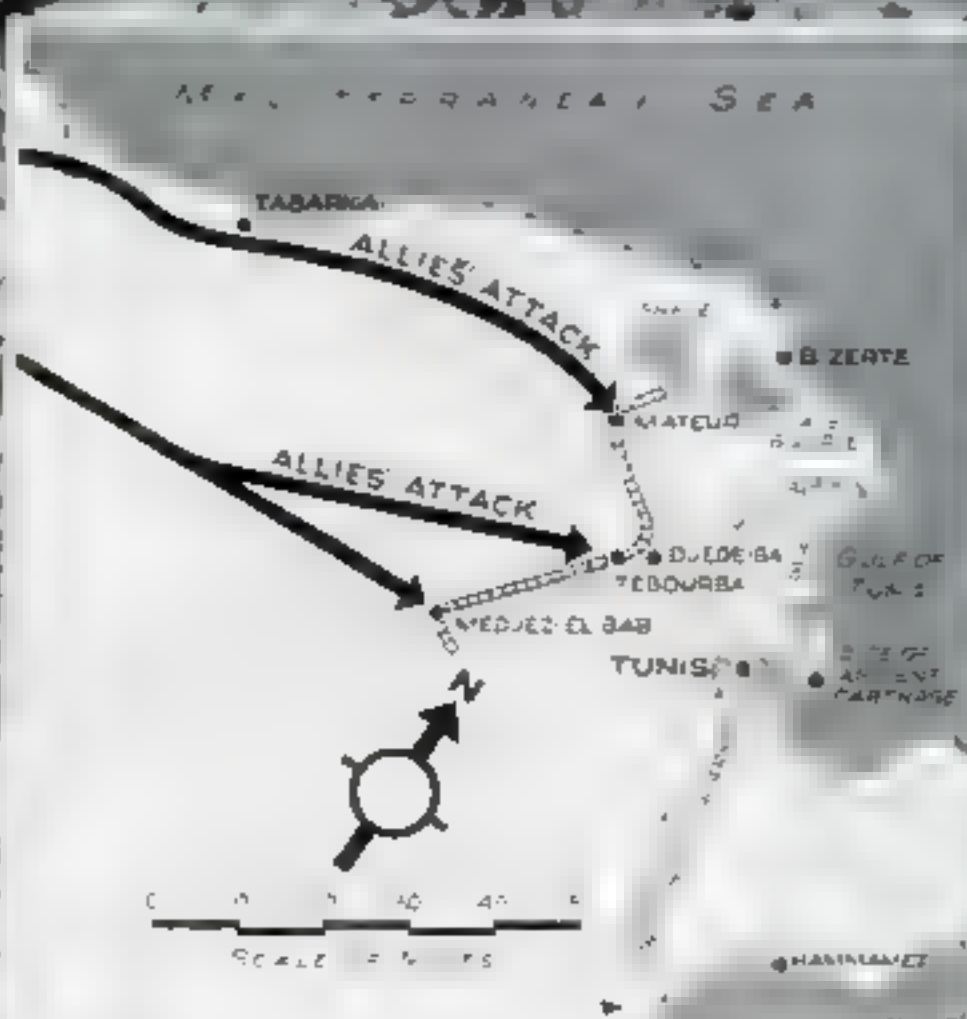
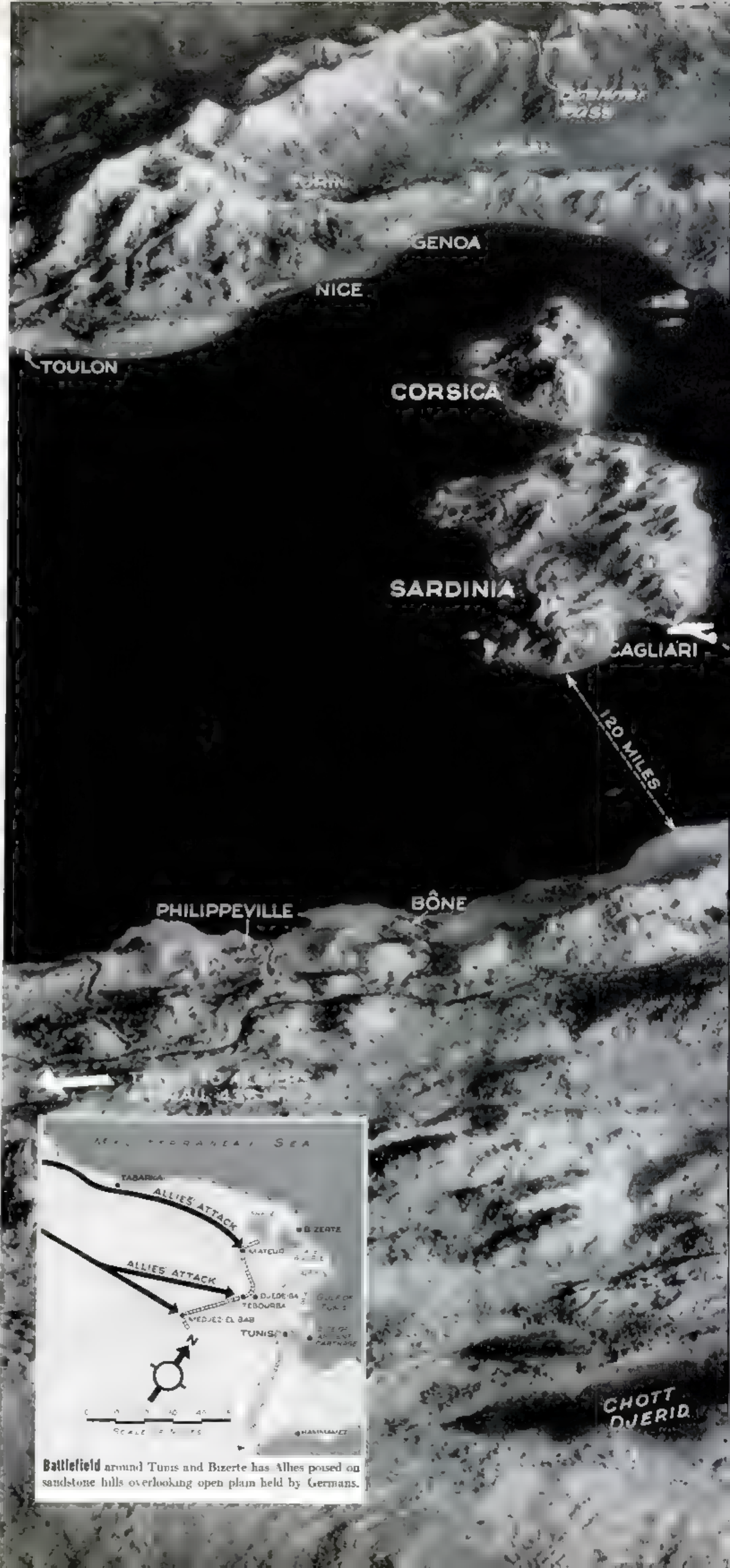
More than a month ago, the American people supposed that "all French North Africa" was in the bag of Lieut. General "Ike" Eisenhower and his American forces. The news stories were vague and sketchy and they grew more so as the British First Army advanced toward Tunisia. But the rosy rainbow of official and unofficial statements indicated that it only remained to clear up a few trifling details before the Allies would be striking across the Mediterranean. The press blossomed with stories and maps about invading Europe from the soft underside.

By last week those few details had begun to loom enormous and the people had been left to guess for themselves what the real military problems were. German General Nehring, British General Anderson and American General Eisenhower knew very well what they were. The first was the 395-mile line of torn up landscape between Algiers and Tunis, across which General Anderson had to move his forces, as shown on the Norman Bel Geddes model on these pages. Second Allied headache was the Germans' short, handy, 179-mile air hop from Palermo to Tunis and the narrow strait between Sardinia and Tunisia where Axis subs lay in wait for Allied ships. It suddenly became crystal-clear that the Germans were able to ferry into Tunisia about 1,500 troops a day and, if they chose, to fly in a large part of the German Air Force. By last week they had several divisions in the lines and for a week they had air superiority.

Coming on the heels of easy victory, the new headlines read that the Germans had thrown back the Allied tanks at Tebourba and Mateur, that German planes were strafing and dive-bombing Allied columns unhindered, that Americans were clinging heroically to their hill positions. The first meeting of German and American ground forces in this war had started under poor auspices. The Allies began slowly to reclaim air superiority. From Malta and Benghazi and England, Allied bombers pounded the long German line of supply, from the railways north of the Alps to Turin, Milan, Catania, Palermo, Tunis and Bizerte. Lockheed P-38's and Spitfires began to tangle with Messerschmitts and Focke-Wulfs on better than even terms. General Anderson began to get his main army into the lines. The Free French closed in from the south to the barren hills west of Sousse.

The fact was that the American people in their optimism had been permitted to overlook Tunisia, whose position commands control of the Mediterranean. Armies have been stepping back and forth over this 90-mile strait since there have been armies. The discovery, however, stopped the rolling cheer with which Americans had received the whole North African campaign, and plunged them into unwarranted gloom. Undoubtedly franker communiques from North Africa could have prevented this violent fluctuation in public feeling.

War unfortunately is not a football game. The gamble of battle required that General Anderson's ground troops run ahead of his planes into the almost completely airfield-less waste of Tunisia, to try to forestall the Germans. The German Army does not give away strategic points for the asking. But the Germans should not be able to hold any part of Tunisia and may waste more men and planes on it than it is worth. Generals cannot promise quick, flashy victories, particularly when they stand at the end of a 4,000-mile supply line facing a dangerous enemy.



Battlefield around Tunis and Bizerte has Allies poised on sandstone hills overlooking open plain held by Germans.



VENICE

A D R I A T I C S E A

TARANTO

ROME

NAPLES

Mt. Vesuvius

Mt. Etna

PALERMO

CATANIA

SYRACUSE

SICILY

375 MILES

179 MILES

150 MILES

BIZERTE

CAP BON

PANTELLERIA

MALTA

TUNIS

SOUSSE

SFAX

GULF OF GABÈS

GABÈS

TRIPOLI





CREW PUTS DOWN STEEL MAT TO RUN OFF PLANE AFTER ANOTHER ONE HAS UPSET GRUMMAN FIGHTER STANDS NOSE DOWN AFTER AN UNSUCCESSFUL LANDING ATTEMPT

AFRICAN AIRFIELDS ARE A HEADACHE TO PILOTS

One of the most perplexing difficulties facing a modern invading force is the immediate lack of facilities to handle its mechanized equipment. The need is especially great for properly constructed military airports, with paved runways to service the fast, heavy planes of war. When U. S. occupation forces moved into French Morocco last month, they found some of the airports there were little better

than cow pastures. From these, nothing but light, privately owned sport planes had ever been flown. Those that had been used for military planes were not available because they were still in the hands of the French. Under the exigencies of the moment, those at hand had to be used as they were.

A typical poor one was a small airfield south of Casablanca, once the home of the Aeroclub of Safi.

Navy fighter, bomber and torpedo-plane pilots who landed there after the occupation found their planes nosing into the ground as braked wheels sank into the soft, yielding soil. Take-offs from the field were almost impossible except on a nearby narrow road. And on its treacherous sandy surface not all of the pilots were able to get off safely. These pictures show how a few of the Navy planes came to grief.



DIVE BOMBER STARTS TAKE-OFF AFTER FIRST HAS FAILED



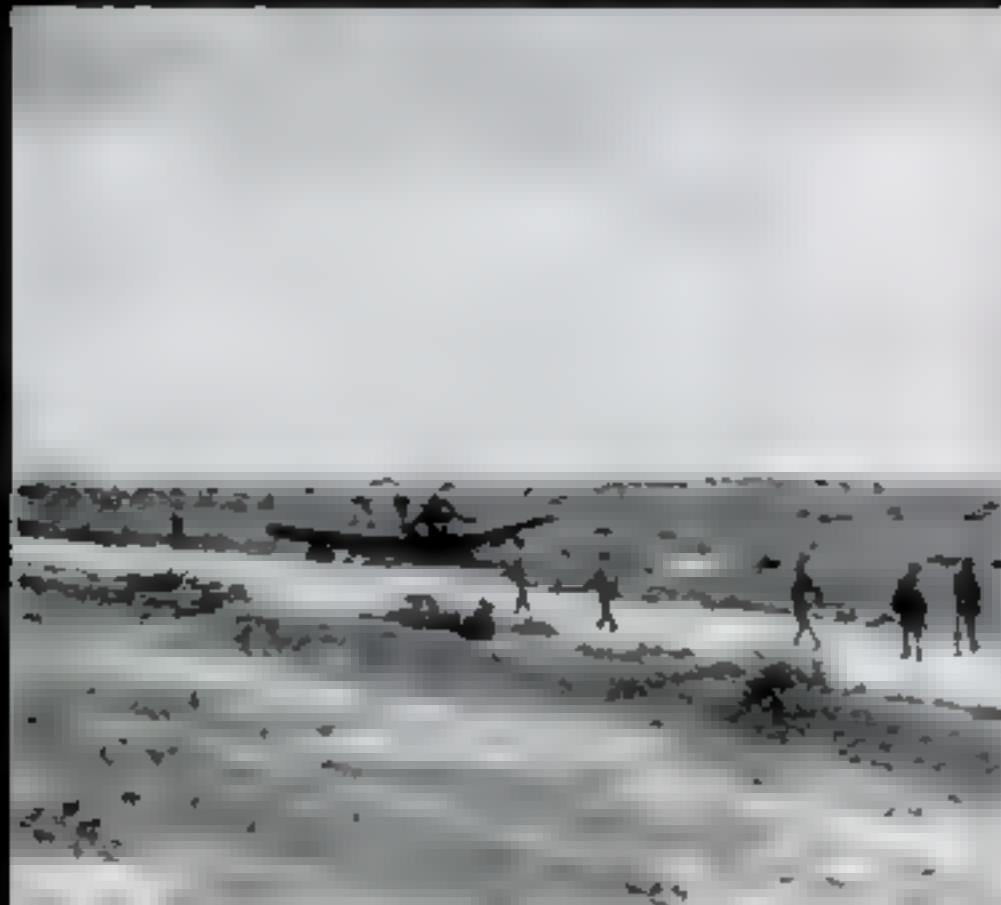
RIGHT WHEEL SINKS IN SOFT SHOULDER OF SAFI ROAD



PLANE SPINS INTO FIELD, RIGHT WING HITTING GROUND



COMPLETELY TURNED, PLANE IS ABOUT TO HIT WITH THUD



GROUND TROOPS GO UP TO EXAMINE THE WRECKED PLANE



PILOT AND CURIOUS NATIVES LOOK OVER THE DAMAGE

More than
ever

It's Chesterfield

...the milder, better-tasting,
cooler-smoking cigarette

Again Chesterfields are out front
with their bright and unusually attractive
Special Christmas Cartons. Send them to
the ones you're thinking of...their cheer-
ful appearance says *I wish you A Merry
Christmas*, and says it well...and inside,
each friendly white pack says *light up
and enjoy more smoking pleasure*.

They Satisfy



85.8 Proof • 65% grain neutral spirits

The Whiskey of Tradition



FAMOUS SINCE 1894

TO TRACE THE ORIGIN OF AMERICAN HOSPITALITY ONE NATURALLY TURNS TO THE EARLY DAYS OF PHILADELPHIA. FOR ITS FAME HAS REMAINED SECURE FROM COLONIAL DAYS AS THE CAPITAL OF GOOD LIVING, WHERE FINE FOOD AND FINE DRINK ARE AN ESTABLISHED TRADITION. THIS MAGNIFICENT WHISKY CARRIES ON THE HERITAGE OF HOSPITALITY HANDIED DOWN BY THE CITY FOR WHICH IT IS NAMED. BASED ON OUR CHOICEST RESERVE STOCKS, PHILADELPHIA IS A SPECIAL OCCASION WHISKY YOU WILL BE PROUD TO SERVE, YET YOU CAN AFFORD TO ENJOY IT REGULARLY AND OFTEN.

CONTINENTAL DISTILLING CORPORATION, PHILADELPHIA, PA.



THIS CONGESTED COACH GIVES AN IDEA OF WHAT YOU'LL BE UP AGAINST IF YOU TRAVEL OVER CHRISTMAS HOLIDAYS. PENNSYLVANIA R. R. PROMISES "STANDING ROOM ONLY"

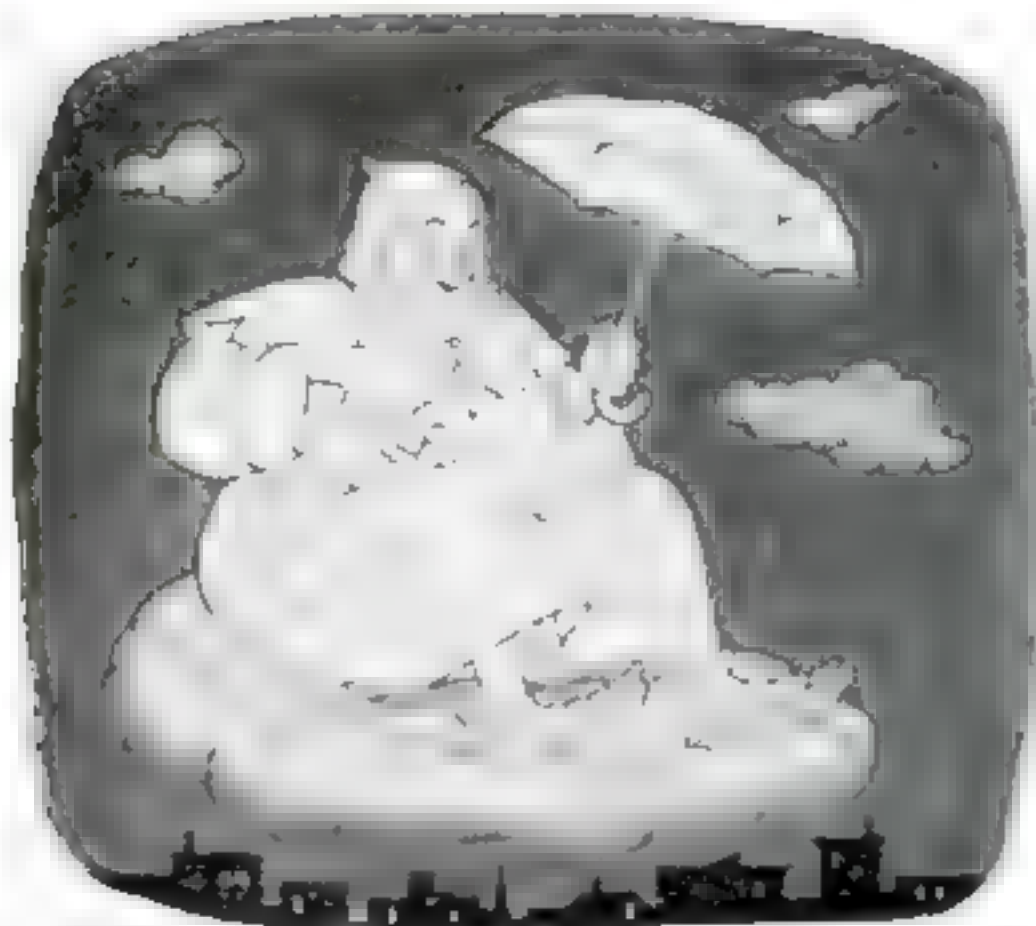
DON'T TRAVEL!

ODT asks people to stay at home unless on war or business bound

Last month ODT launched a campaign to keep foot-loose Americans at home. "The time is here," said Director Eastman, "when we must realize that unnecessary travel can seriously harm the war effort." Since most nonessential wayfarers are now rationed off the roads and prioritized out of the air, problem is to keep people off trains already burdened with the men and materiel of war. With no more rolling stock than last year, railroads have this year carried 33% more freight, coped with a phenomenal 68% rise in

passenger traffic. And Christmas, with its traditional urge to go back home, is just around the corner.

The thought of it makes strong railroad men quail. Since ODT's pleas at travel-rationing and since pleas to patriotism have had small effect on gadabouts who make up 33% of the traveling public, they expect Christmas 1942 to set a new high in travel turmoil. Pictures on these pages, taken in Southern Railway trains, show what is in store for all unless the unnecessary 33%—mostly women—learn to stay home.



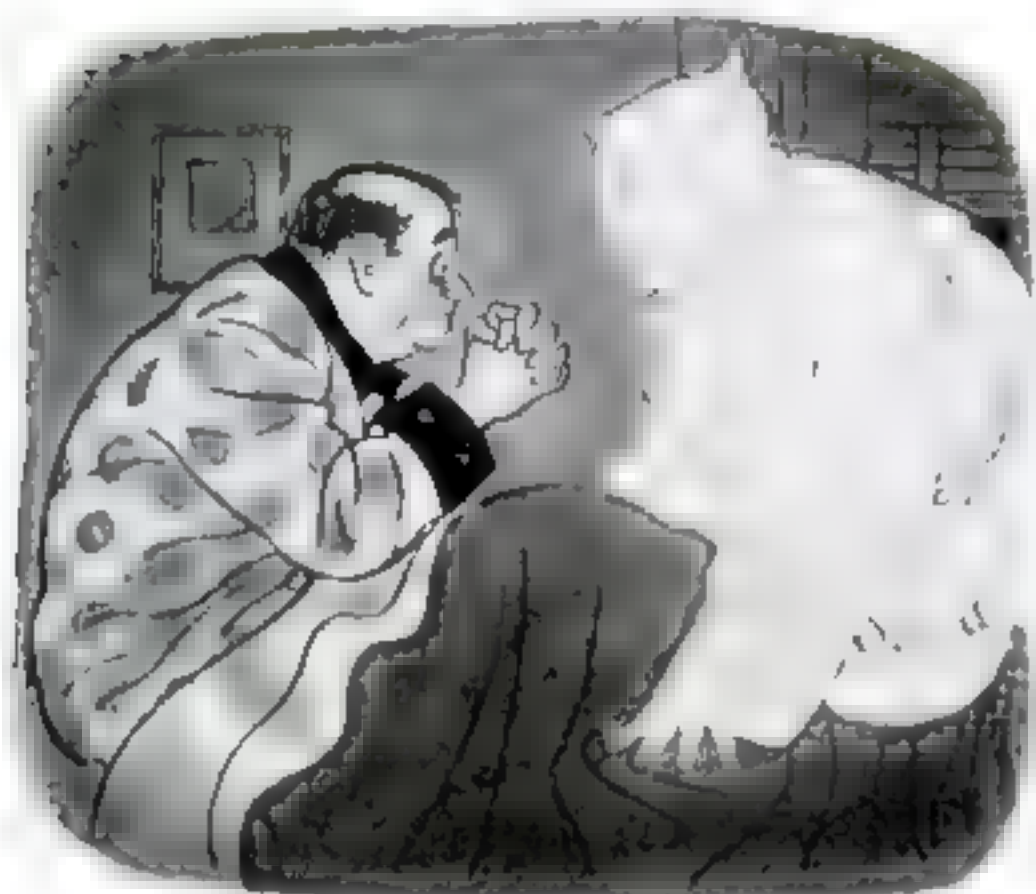
1. I'm the Sandman, see...and my job is to put people to sleep. Do people always co-operate? Not these days, they don't! Of course, I know, what with the war, and all, people are more nervous and upset.



2. Folks are worried about short-ages, rationing, rising taxes, and the war news in general. Does call for a bit of floor pacing, I must admit...but people could be a little more considerate of me!



3. Particularly those people who are set a-jangle by caffein and insist on whipping their already-frayed nerves with coffee. Comes the night, they toss and turn, and fidget, and holler for me.



4. They expect me to get around (with transportation the way it is!) to sprinkle sand in their eyes. That's asking too much! Now, I know these people love coffee, so I don't ask them to give up that precious drink.



5. All I say is: "When the caffein in coffee gets on your nerves and keeps you up, why not switch to Sanka Coffee?" There's a real coffee that's 97% caffein-free, and can't upset anyone! What more could you ask?



6. You see, they take 97% of the caffein out of Sanka Coffee without removing one snifter of its piping fine aroma, or one smack of its rich, delicious flavor! Oh, you'll love Sanka Coffee, all right!



7. This Sanka is real coffee...all coffee...nothing but a blend of truly fine coffees! It brings you all the warmth and oheer and solace you expect in a cup of swell coffee...yet it lets you relax!



8. So when you get your coffee ration, get Sanka. You'll get the double pleasure of delicious ooffee and relaxation. (For best results, follow the directions.)

SANKA COFFEE



*Sleep isn't a luxury; it's a necessity.
Drink Sanka and Sleep!*

TUNE IN...5:45 P. M. New York Time, Sunday afternoon. Sanka Coffee brings you William L. Shirer, famous author of "Berlin Diary," in 15 minutes of news over the Columbia Network.



Standees block windows of Atlanta-Washington train, jostle each other in corridors. Soldiers going home on leave are often forced out of seats by the relatives of other soldiers who, too

impatient to wait for furloughs, journey to camps to see their sons and husbands. These and other non-essential travelers have rolled up record-breaking 50 billion passenger miles in 1942.



This family, unable to obtain sleeping accommodations, spent a night and day in coaches on the way from Houston, Texas, to Birmingham, Ala. Children slept on seat with rented pillows.



Exhausted infant huddles in the arms of equally exhausted mother on fifth night in coach. Father is Mississippi laborer on way home to take shipyard job after working on West Coast.



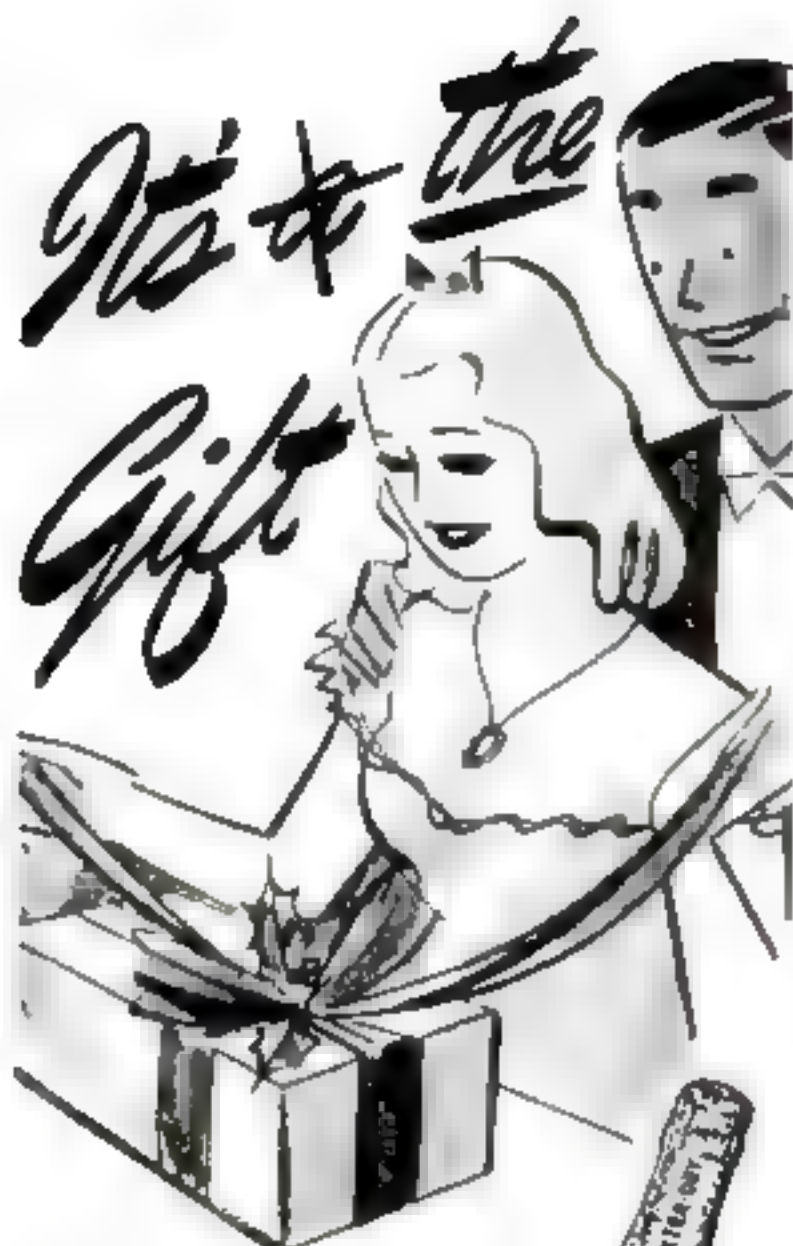
Some soldiers prefer to sit up all night playing cards. On troop movements, the Army tries to give berths to all.



Club-car chairs, formerly for Pullman passengers' use, are now sold as reserved seats. The Southern has banned hard liquor, serves only beer.



Makeshift bed for two soldiers is this seat at end of the coach. Others had to sleep in luggage racks and on floor.

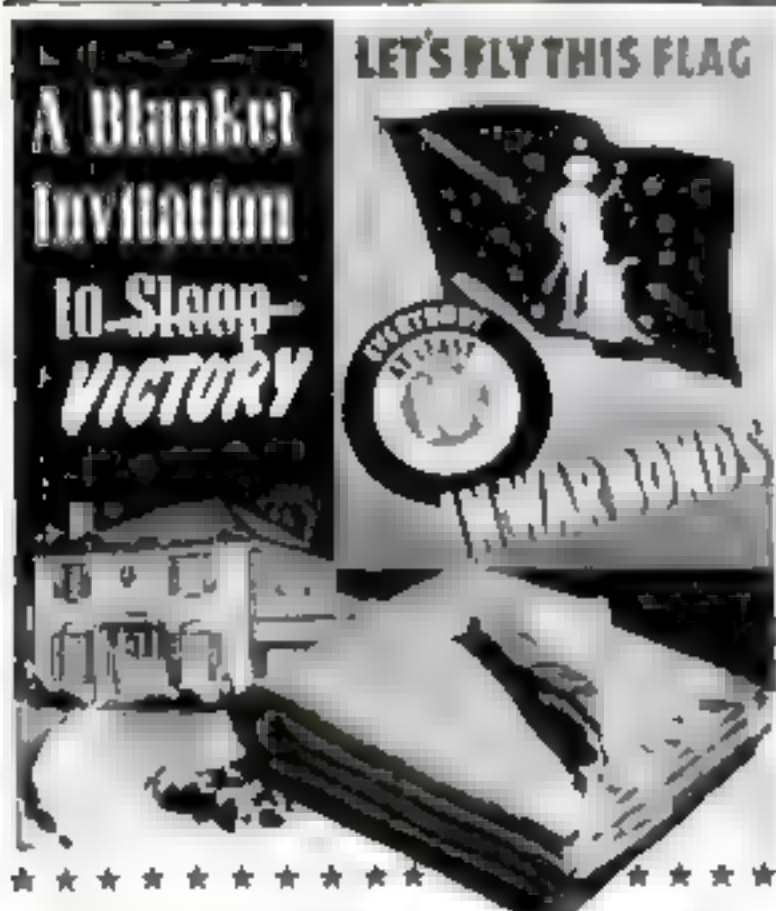


★ A Christmas gift of a bottle or two of Renault Extra-Dry American Champagne looks like a lot more than it costs. And the happiness it brings is worth any price, for Renault is champagne without fault.



RENAULT

L. N. RENAULT & SONS, INC. Since 1870 EGG HARBOR CITY, N. J.



For 76 years the name Seymour has been synonymous with fine all-wool blankets. Perhaps because of our blankets, your home has been shielded against cold and discomfort, and your family has slept warm and comfortable under their protection.

Today many of our blankets go to the Navy, only a few are still available at the leading department stores.

So, if you are unable to buy new Lady Seymour blankets this year, our suggestion is to take care of the ones you already own and to invest the money you would have spent in War Savings Bonds and Stamps.

Thus, your money will help to protect every American home.

SEYMOUR WOOLEN MILLS
Seymour, Indiana
Founded 1866—76th Year



Don't Travel! (continued)



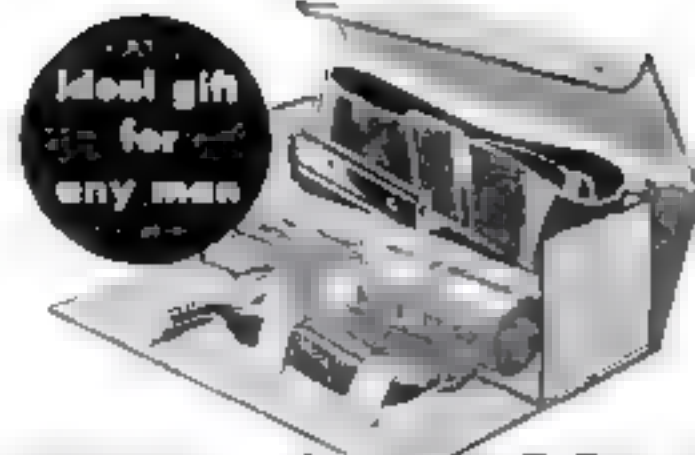
Women wait to get into washrooms which, designed to hold four comfortably, are now cramped with six or seven at a time. Diners are so crowded many bring their meals.



Men's washroom is bedlam in morning, when all try to shave and dress at once. Men shown are soldiers and Government workers, essential part of Southern's tripled load.



Conductor works on ticket check-up with one of M. P.'s who now ride all trains carrying soldiers. Said one conductor: "Traffic is the worst I've seen in 42 years' service."



QUICK, SLICK SHAVES

3 times as many

Look what you get in this popular Enders Speed Kit

1. Enders Speed Shaver—world's fastest shaver. Blade clicks in instantly, nothing to take apart. New type head gives clean shaves first time over. Prevents nicks, scrapes, razor burn.

2. Semi-automatic leather strap. Triples life of blades.

3. Two packs of blades, shaving stick, comb, serviceable compact case.

\$2.50 postpaid, if drugstore can't supply. Ask for Christmas mailing carton. It's free.



ENDERS SPEED SHAVER
DURHAM ENDERS RAZOR CORP., Dept. A, MYSTIC, CONN.



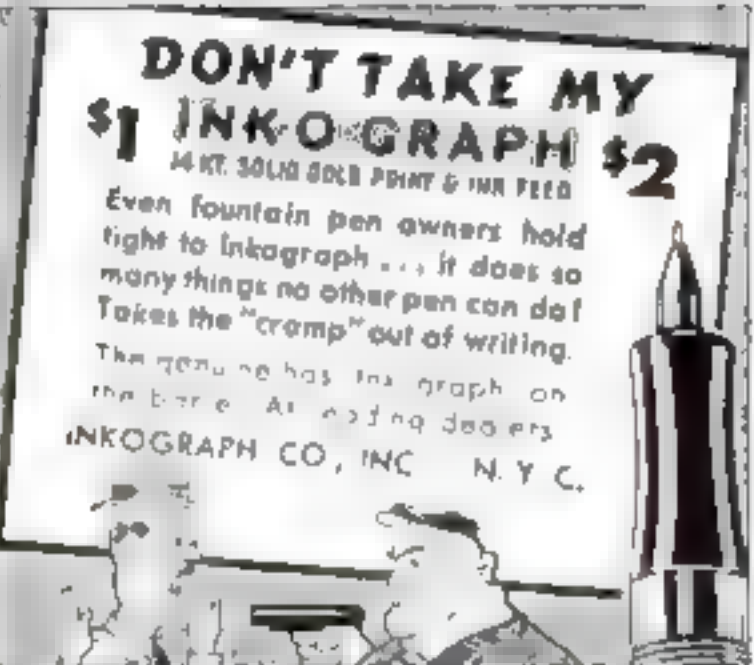
When your baby suffers from teething pains, just rub a few drops of Dr. Hand's Teething Lotion on the sore, tender, little gums and the pain will be relieved promptly.

Dr. Hand's Teething Lotion is the prescription of a famous baby specialist and has been used by mothers for over fifty years. One bottle is usually enough for one baby for the entire teething period.

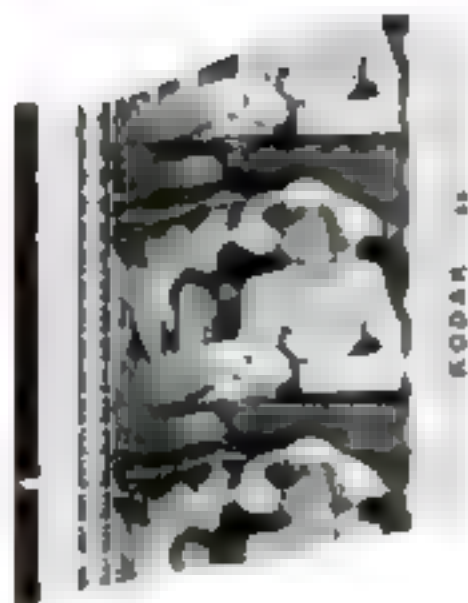
Just rub it on the gums

DR. HAND'S TEETHING LOTION

Buy it from your druggist today



LEROUX & CO., Inc. • Philadelphia • New York City
Awarded Gold Medal, Paris International Exposition, 1937



IN A GREAT MOVIE THEATRE, an audience of thousands—carried out of their everyday lives—look, and listen, to the drama pouring from a strip of photographic film about one inch wide (the section shown here is actual size). Everything is on this—not only the living, moving scenes of the story, but on the tiny "sound track" at the left, the sound: whispered words of love . . . a terrified scream . . . the nerve-shattering roar of a dive bomber . . . an enchanting voice crooning a lullaby. Film carries it all.

Most Hollywood movies are on film made by Kodak

FROM THE TIME when Thomas A. Edison and George Eastman worked together on the early, flickering movies, the improvement of materials for professional motion pictures has been one of the chief fields of Kodak research. Kodak has been the pacemaker, and is by far the largest supplier of Hollywood.

From "the flickers" to art

Kodak's original production of transparent roll film, the key to motion pictures . . . specialized negative and positive films . . . the production of high-speed panchromatic materials . . . the modern color phase, now rapidly expanding . . . these are important scenes in the advance from "the flickers" to today's work of art, in which Kodak has played a leading role. And there is another . . . The success of "sound" pictures hinged

on making the spoken words, or music, or "sound effects," a basic part of the picture. That is what you have today, because . . .

Sound, too, is pictured

With special fine-grain emulsions, Kodak "sensitizes" film for sound recording. In effect, sound is changed into light, and this light is recorded on the film, simultaneously with the recording of the scenes. Lips move—a voice speaks. Yet the voice is also a "picture"—an effect of light on film. The voice changes from a whisper to an angry roar—each tone is a series of "light" pictures, different in quality.

As you sit in the theatre, the process is

reversed—the "light pictures" on the sound track are changed back into sound . . . The "sound" newsreels are made in much the same way—those which bring the original sounds, not just the voice of a commentator.

Movies for everybody

For children, movies are education. For normal men and women they are the grandest form of entertainment, reaching almost everyone. For those distraught by worry or sorrow, they are wholesome escape. For our service men on ships or in distant camps, they are a little of everything that is needed to give a man a "lift" . . . Eastman Kodak Company, Rochester, N. Y.

SERVING HUMAN PROGRESS THROUGH PHOTOGRAPHY

GIFTS

FOR EVERY MEMBER OF THE FAMILY

Wyandotte

HOLGATE TOYS

FISHER PRICE TOYS

WHY not shop the one-stop Firestone? You save tires—save gasoline—save time—save money! You can shop quickly and be so courteous. And in one conveniently located place you can select gifts for all the family. Be smart—be thrifty—be sure to make your nearby Firestone Dealer or Firestone Store your Christmas Shopping Headquarters this year.

Take your children to Firestone's Toy Department. Watch their faces light up and their eyes sparkle when they see the creations of such famous toymakers as Kingsbury, Cass, Transogram, Tootsie Toy and Lincoln Logs.

For Mother, there are dinnerware, card tables, glassware, work-saving electrical appliances and a wide variety of housewares. For Father, there are clubs, Schick electric shavers, luggage and many other welcome and practical gifts. For all the family there are radios, Philharmonic records, automobiles, accessories and other useful products.

For Mother, there are dinnerware, card tables, glassware, work-saving electrical appliances and a wide variety of housewares. For Father, there are golf clubs, Schick electric shavers, luggage and many other welcome and practical gifts. For all the family, there are radios, Philharmonic records, automotive accessories and other useful products.

at Firestone



But don't delay! Stocks of many items are limited. Note the wide variety of gift suggestions shown on these pages — then see your nearby Firestone Dealer or Firestone Store today.

For your copy of the new Firestone Christmas Gift Catalog write The Firestone Tire & Rubber Company, Akron, Ohio.

YOU MAY BE ELIGIBLE TO BUY The New Firestone WAR TIRE

Long before Pearl Harbor, Firestone produced the first all-reclaim rubber tire. It is only natural that Firestone build a War Tire that gives longer mileage at present-day speeds. Ask your nearby Firestone Dealer or Firestone Store about tested and proved Firestone War Tires—they will help you fill out an application for a rationing certificate. And for longer service and greater safety put a Firestone Life Protector Tube in every tire.

For greater economy and longer service, equip your car with Firestone Brake Lining, Firestone Polonium Spark Plugs and a Firestone Battery.



Listen to the Voice of Firestone with Richard Crooks, Margaret Speaks and the Firestone Symphony Orchestra, under direction of Alfred Wallenstein, Monday evenings, over N.B.C.

* make your dollars fight - buy war bonds and stamps



plenty snooty gifts



CORONET V. S. Q. very special quality

Cap your own holiday climax this year with the thoughtful gift of Coronet, America's handy brandy! Depend on its three-way versatility to make a three way hit...Coronet is equally delicious with soda, mixed in a side car cocktail, or served straight as a de luxe liqueur. This great Yankee Decade Brandy, made by top skilled experts in our own California distillery, is writing its own tradition right here in America. Give Coronet! Try Coronet! Taste it yourself...today!

50c for unique Coronet snifter - yours without paying a cent extra. Made of clear hand blown crystal glass with a simple and elegant illustrated design, snatched out of 33 oz. 6 inch. Order one or more. Shipped postpaid. Send check or money order to Schenley Distillers Corp., P.O. Box 78, Dept. A, N.Y.C. California Grape Brandy 84 Proof, Schenley Distillers Corp., New York, N.Y.

America's handy brandy!

tune in! JACK PEARL and Morton Gould's orchestra in "The Merry-Go-Round of Life" from "The Carnival" by Maurice Strakosky every week (also in your newspaper for a short time).

CARBON DIOXIDE

Versatile soda-pop gas puts out fires, inflates life rafts, opens bomb bays

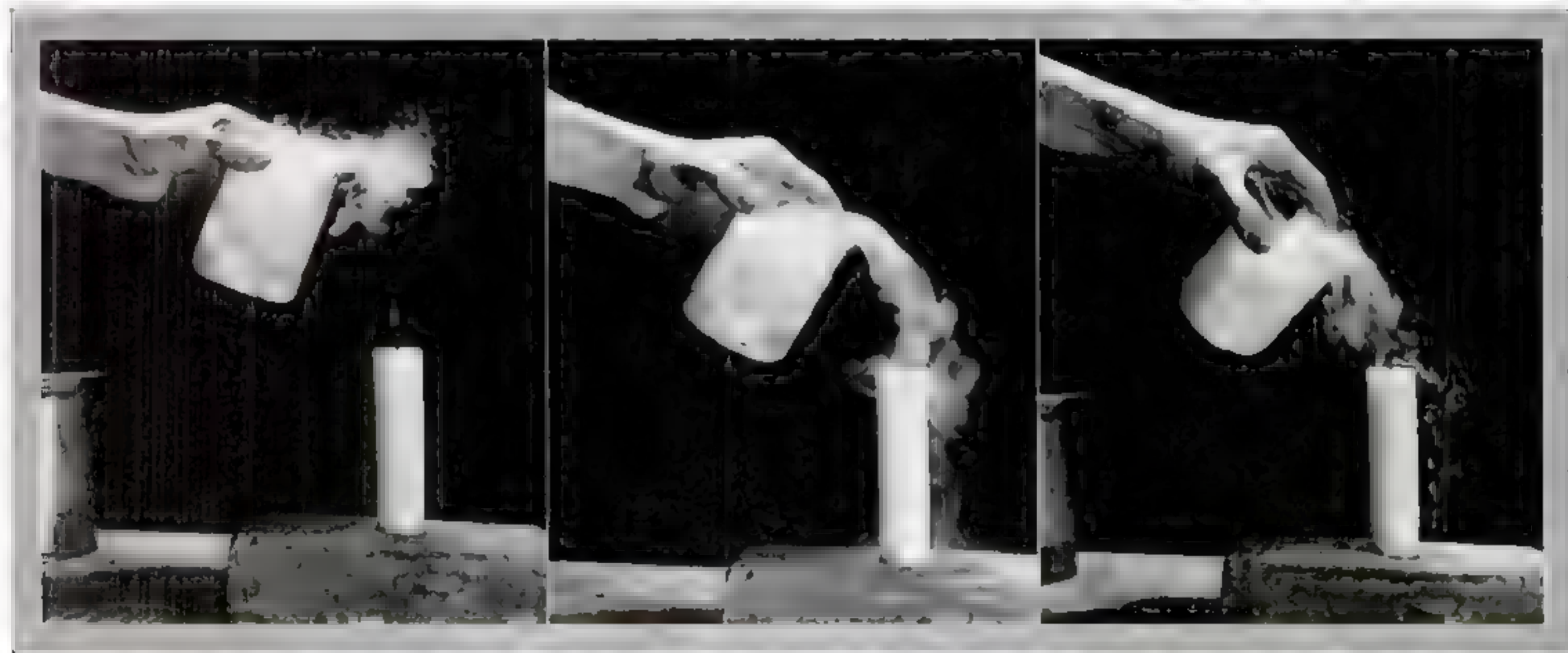
The still-life picture at right is symbolic of a whole catalog of war-time applications of common, everyday carbon dioxide gas. One pint of liquid carbon dioxide, released from the small steel bottle, has turned into 450 pints of carbon dioxide gas, fully inflating the pilot balloon. Similar steel bottles, holding from less than a half pint to several gallons, are installed in every U. S. ship, plane and land vehicle and are even attached to the seagoing personal gear of soldiers and sailors. Carbon dioxide gas, released from these bottles, inflates assault boats, life belts and life rafts, extinguishes and prevents fires, performs at least several functions that are a military secret and, in emergencies, when other sources of power fail, puts down landing gear and opens bomb bays.

Exhaled by chimneys and men as the product of their respective types of combustion, and inhaled by plants in the life-supporting photosynthesis cycle, carbon dioxide gas is one of the commonest substances on earth. In ordinary times it is familiar as the fizz in soda pop and as dry ice. The ingenious engineering that has harnessed carbon dioxide for its war uses is the work of Walter Kulde and Co. of New York.

In the steel bottle, liquid carbon dioxide is under a pressure of 850 lb. per sq. in. Released to inflate a life raft, it is translated into gas in a mere three seconds. When used as a fire extinguisher, the gas is released in a dense heavier-than-air blanket over the blaze. From an airport crash truck, a ton of carbon dioxide can be laid on a burning plane in a few minutes. To put out fires in the air, it is released through a perforated ring around plane engines. To nullify incendiary bullets it is squirted into the empty air spaces around and within the fuel tanks just before combat.

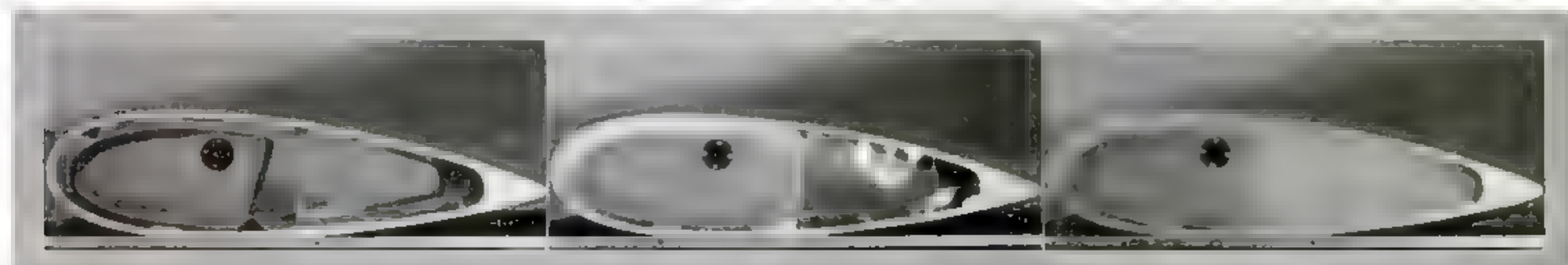


PINT OF LIQUID CARBON DIOXIDE IN SMALL BOTTLE HAS FILLED BALLOON WITH 450 PINTS OF GAS



As fire extinguisher, carbon dioxide is ideal since it is itself the product of combustion. Here the gas, liberated from dry ice in water, is poured over a candle flame. Heavier than

air, it settles down on the flame, extinguishes it completely. Carbon dioxide blanket quickly reduces proportion of oxygen in air below 16% required to support gasoline combustion.



As fire preventative, the gas is released slowly and allowed to seep into the empty air spaces in and around the fuel tanks mounted in a plane's wing, as shown in this demonstration

model. Carbon dioxide does not extinguish incendiary bullets but it prevents fuel vapors from burning or exploding. Unlike poisonous carbon monoxide, carbon dioxide is non-toxic.



*This is no time to be
FRAIL!*

The dainty days are done for the duration—likewise the dainty diets.

So as America goes to war, it also goes for more and more bread. Recent surveys show bread sales increasing steadily ever since war was declared.

The reason is that bread is one of our best sources of food-energy. No other food can be eaten with such regularity and still not tire your taste.

And today you can buy the new enriched white bread — with all its extra measure of Vitamin B₁, niacin, and

iron — and be much more certain your diet is up to full war standards.

Just remember—whether you're a nurse or a housewife, an office worker or a

riveter — this is no time to go easy on such basic food as bread. See that your family has an extra loaf every day or two.

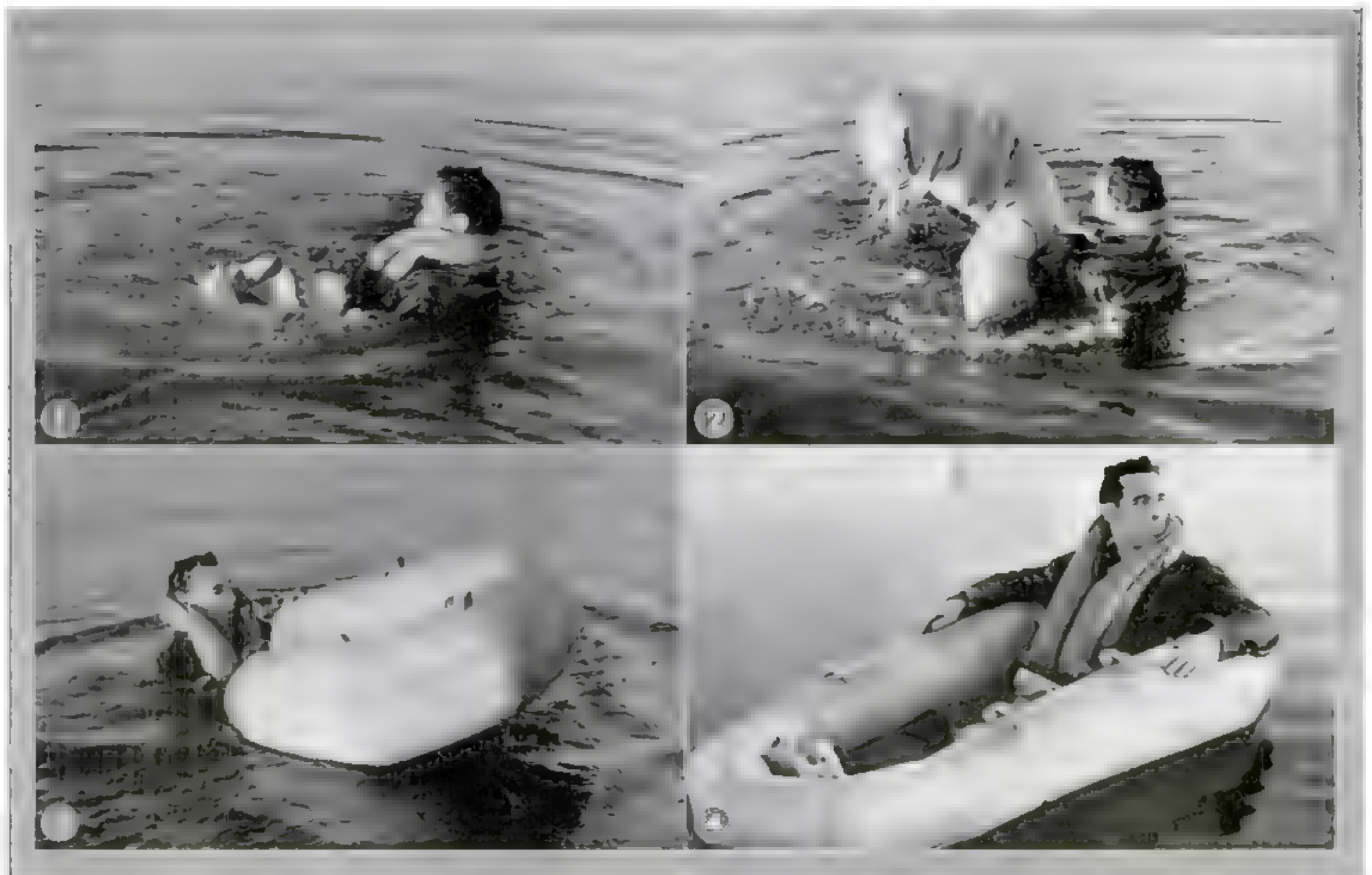


↑ IF YOU ATE NOTHING ELSE, you'd get enough energy to do an hour's housework from 3 slices of bread; to sew for an hour from 1½ slices of bread; to chop wood for a half-hour from 4 slices of bread.

← GOOD AUTHORITIES AGREE: when you work harder, you need more energy-foods such as bread. Bread is "standard equipment" in the lunch boxes of war-busy American workers.



Bread is basic

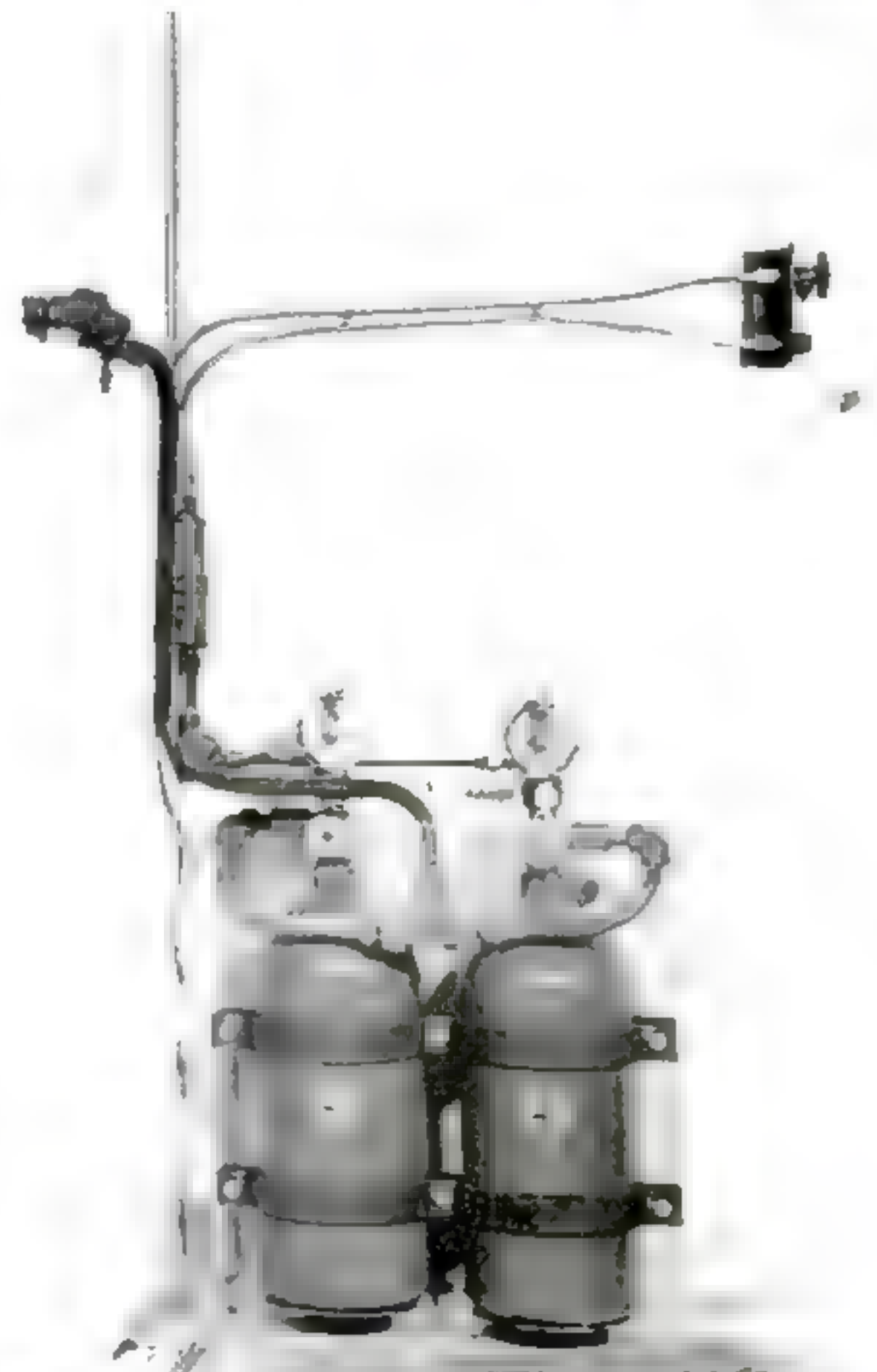


Inflation of life raft, even under water, is a matter of seconds. This raft starts as a compact package strapped to seat of pants. Gas is released by pull on cord, and raft unfolds itself.

Note carbon dioxide life vest, inflated by siphon bottle cartridge of gas. Other life rafts are mounted in the fuselage of plane, pop out automatically onto water when plane crashes.



Fire in engine compartment of a U. S. tank is extinguished by system like that shown here. Carbon dioxide bottles, mounted outside the bulkhead, are cracked by lever mounted behind



driver's seat. Volatile fuels of high-powered tank and plane engines make fire ever-present hazard. Since fire is quickly extinguished by carbon dioxide, engine is usually unharmed.



ON THE MAIN FLOOR GALLERIES OF NEW YORK'S MUSEUM OF MODERN ART, VISITORS STUDY POSTERS THAT TELL THEM TO BUY WAR BONDS AND LOOK OUT FOR THE ENEMY

WAR POSTERS

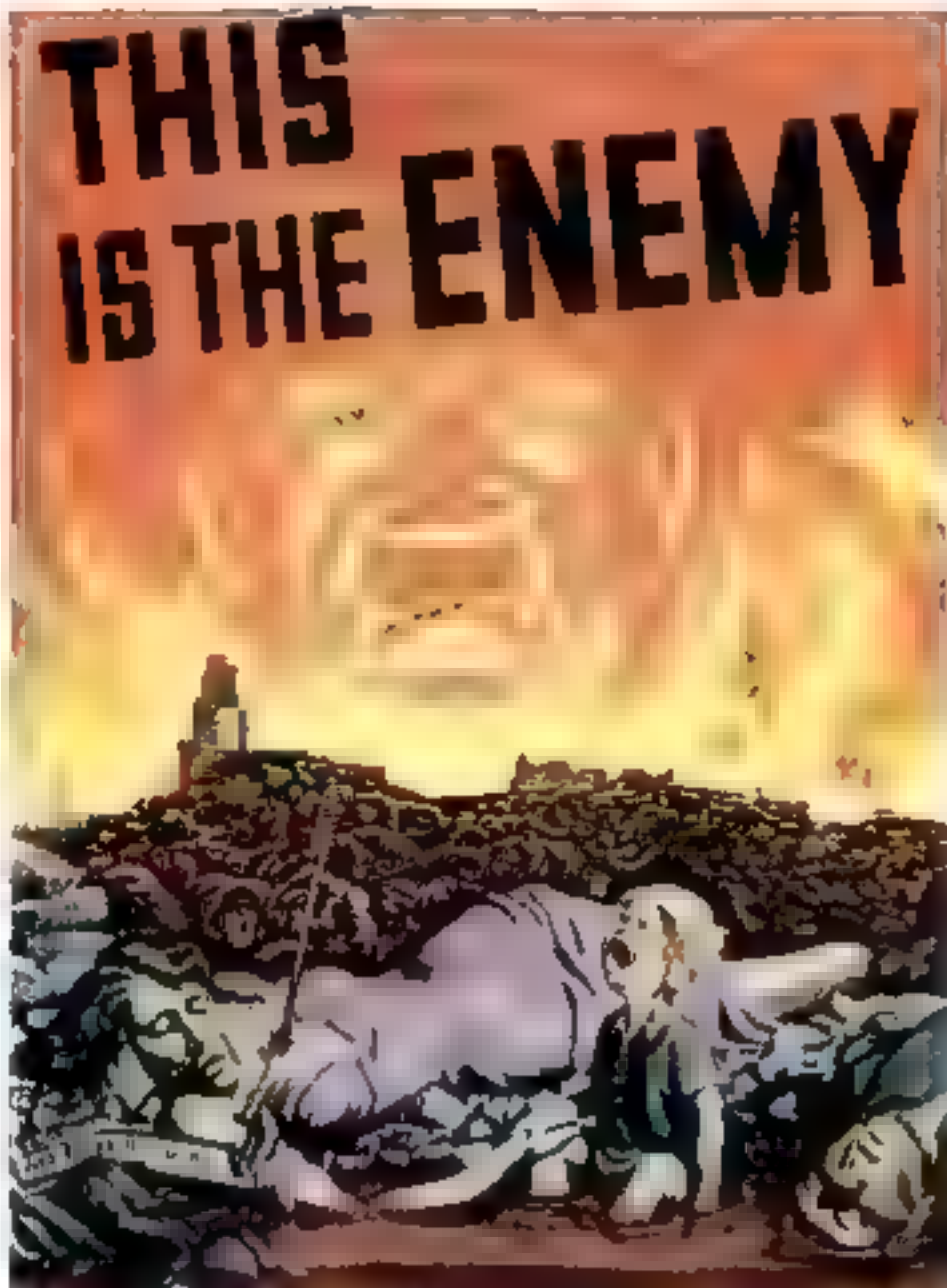
American artists go all out for victory in big picture campaign

American artists from 43 States have gone to war armist with paint brushes, canvas, paper and a terrific determination to arouse the nation to winning the fight. This they did through the medium of 2,224 war posters, some of which are reproduced on these pages.

Ever since war broke out—and especially since the President's speech on the state of the Union last January, which inspired slogans for these posters, American artists have been battling within themselves for a way to beat the war. Many have joined the armed

forces. Those who could not join up convinced the battle within themselves and in groups with hardly 26 art organizations rallied together under the banner of "Artists for Victory." Combined with the Council for Democracy, they planned this poster campaign.

Now on exhibition at the Museum of Modern Art are 200 of the 2,224 posters submitted. The OCD will distribute some of them throughout the U. S. The OWI will select three to be reproduced in color for national distribution to factories and public buildings.



D. BRYERS DREW HITLER'S FACE OVER WAR VICTIMS



NAZI RIPS AMERICAN FLAG IN A. BROTMAN'S POSTER



JAP MURDER AND RAPE WAS DRAWN BY G. V. LEWIS



NAZI RELIGIOUS PERSECUTION DEPICTED BY L. REISS



ARTISTS KOEHLER AND ANCONA DREW MOKOCLED NAZI



H. MELZIAN DREW JAP ATROCITY AS GRIM WARNING



AXIS DAGGER THROUGH TORN BIBLE IS BY B. MARKS



WOMEN BY J. WILLARD TO SYMBOLIZE BEAUTY DEFILED

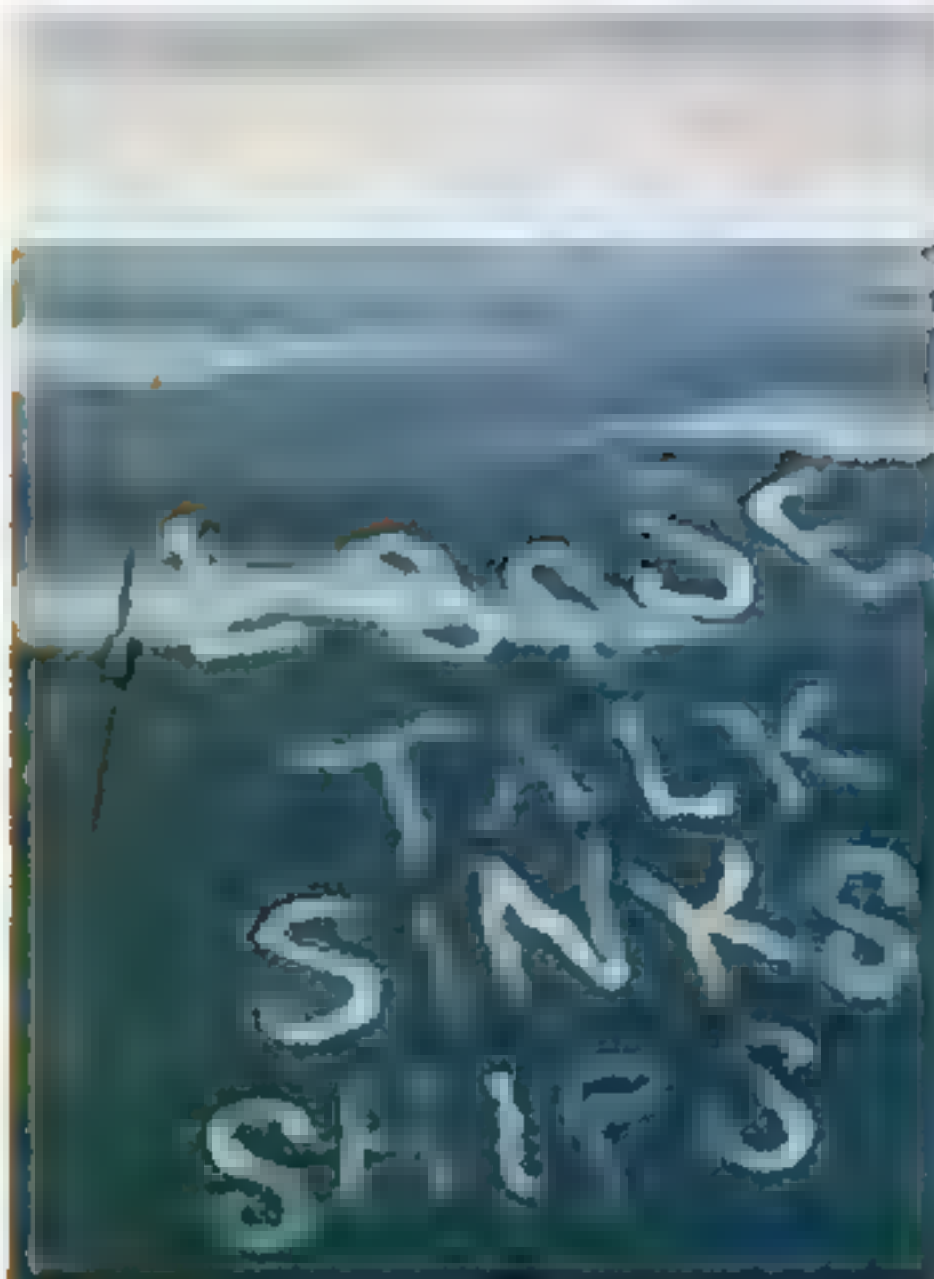


M. KLEIN SHOWS VICTORY HELD HIGH ON A BAYONET

War Posters (continued)



W. PURSELL PICTURED HITLER IN BIG LISTENING EAR



WRECKED SHIP AT SEA BY BURGE IS GRAVE WARNING



DEAD SAILOR'S HAND BY E. HENRY SHOWS DISASTER



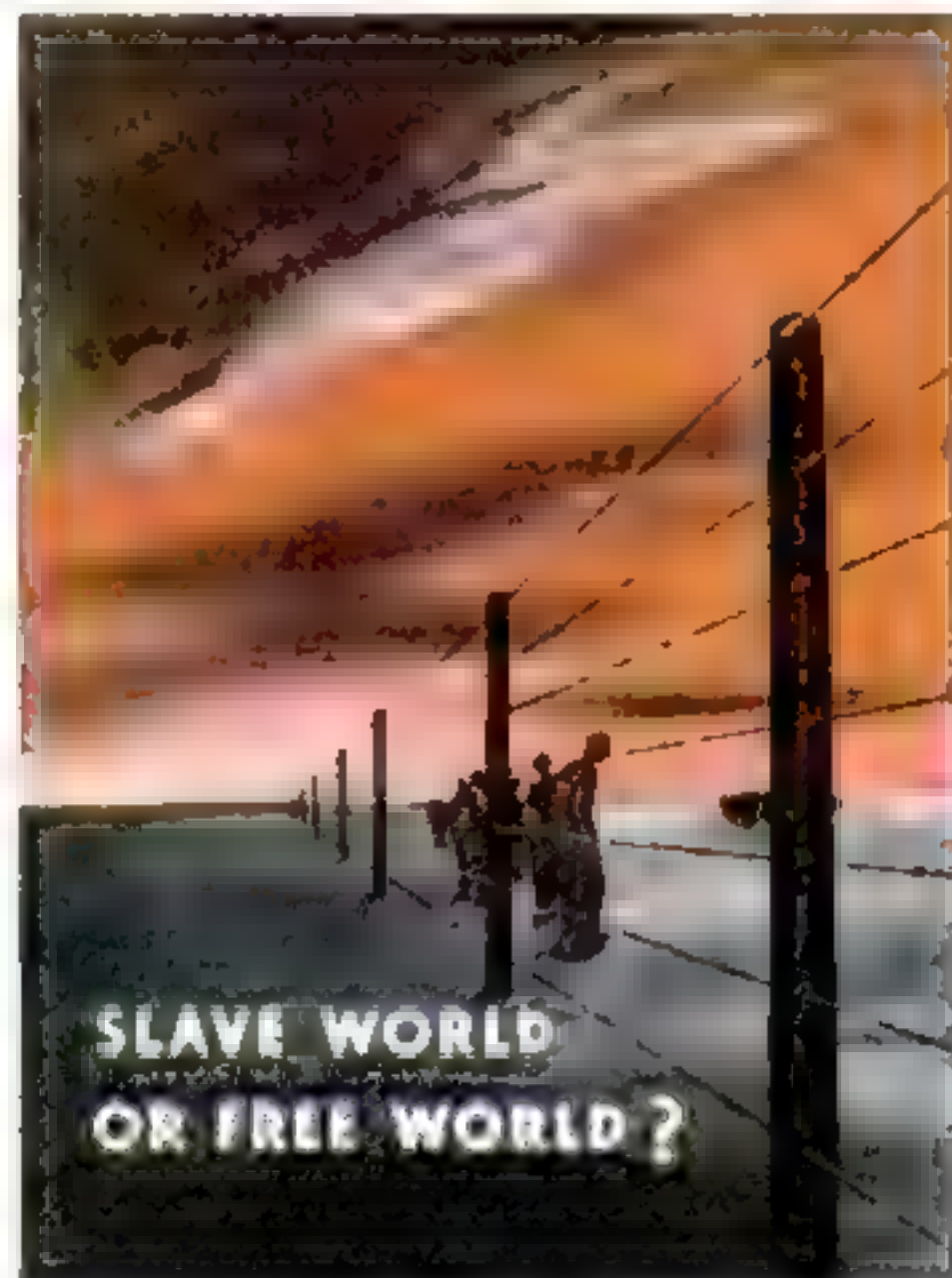
O. NELSON PAINTED A TORPEDGED SAILOR DROWNING



ENEMY SHELL PIERCES HELMET IN E. GIORDI'S POSTER



SQT. DUMAS OF OREGON PAINTED RATIONING POSTER



AN AXIS CONCENTRATION CAMP WAS DONE BY G. MAAS



WORK POSTER FOR THE HOME FRONT IS BY G. KEISHER



X. GONZALEZ SHOWED MANKIND ENSLAVED BY NAZIS



GRINNING SKULL IS BY L. BLAINE



J. PIEROTTI'S HITLER SMIRKS DISASTER



VAN VEEN DEPICTS JAP ATROCITY



NAZI DESTRUCTION & RAPE, BY H. TARK



WAR-BOND POSTER IS BY P. DARROW



R. DOUGLASS SHOWS PUNY-SIZE HITLER



SALVAGE JUNK IS BY A. DUKELSKI



J. WHITE PAINTED THIS SOLEMN WARNING

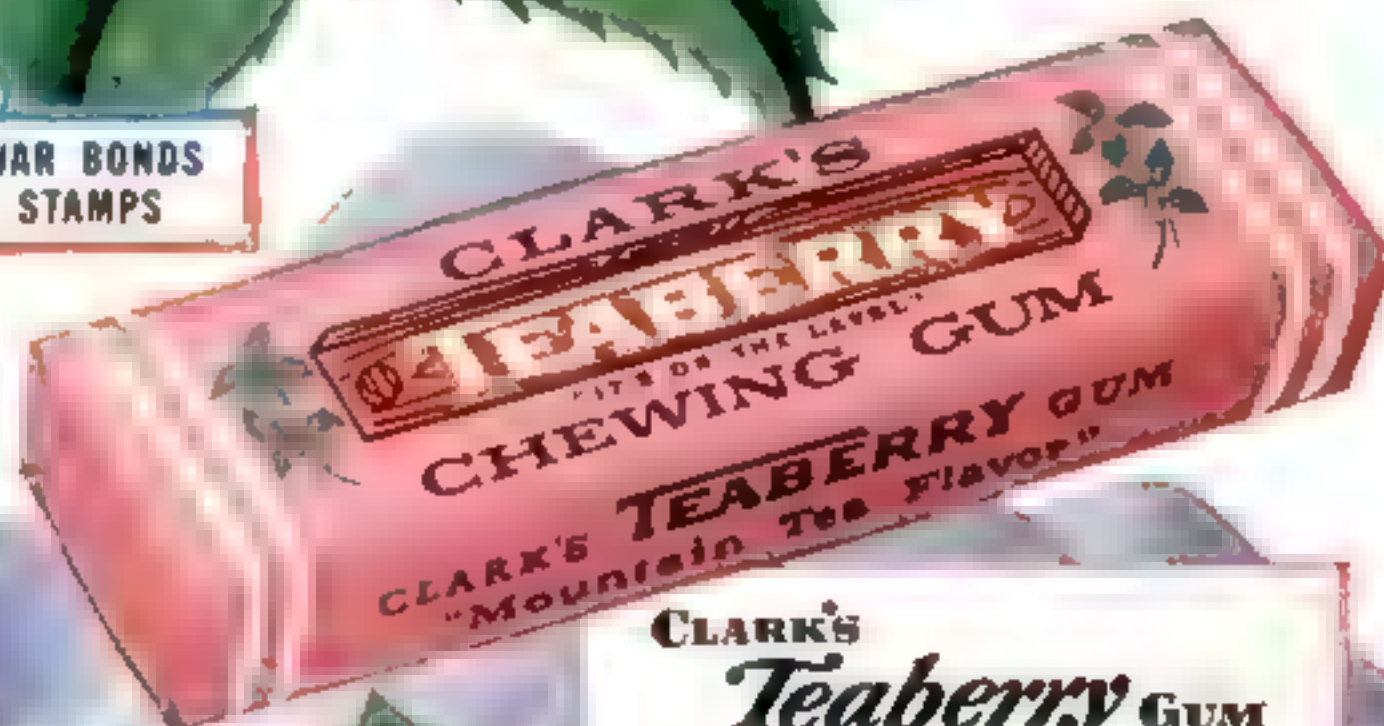
CLARK'S

**Two great Flavors
packed with Pleasure**



**CLARK'S
Tendermint GUM**
Only choice, crisp, fresh mint leaves are used for flavor and fragrance in this fine popular gum. "It's different—naturally."

**BUY WAR BONDS
AND STAMPS**



**CLARK'S
Teaberry GUM**
Real mountain-grown Teaberry gives a delicious, lasting flavor to this delightful gum. "A different flavor—mountain fresh."

*ask for —
reach for* **CLARK'S**
Chewing Gum

PRODUCTS OF CLARK BROS. CHEWING GUM COMPANY OF PITTSBURGH, PENNA.
© 1942 C. B. C. G. CO.

Patience, Pieter, patience . . .



It seems a long time, Pieter, since the day that vicious Nazi machine swept in from the east, blasted your beloved Rotterdam and rolled over your countryside.

It seems a long time since you were a free man.

You have been fed so little food and so many lies. Here is the truth, Pieter:

We here in America were caught off guard... we have been too confident... but we are still free men and we are building another machine... the biggest fighting machine the world has ever known. Millions of us are being trained to man that machine. Millions more of us will stay here in America to feed and

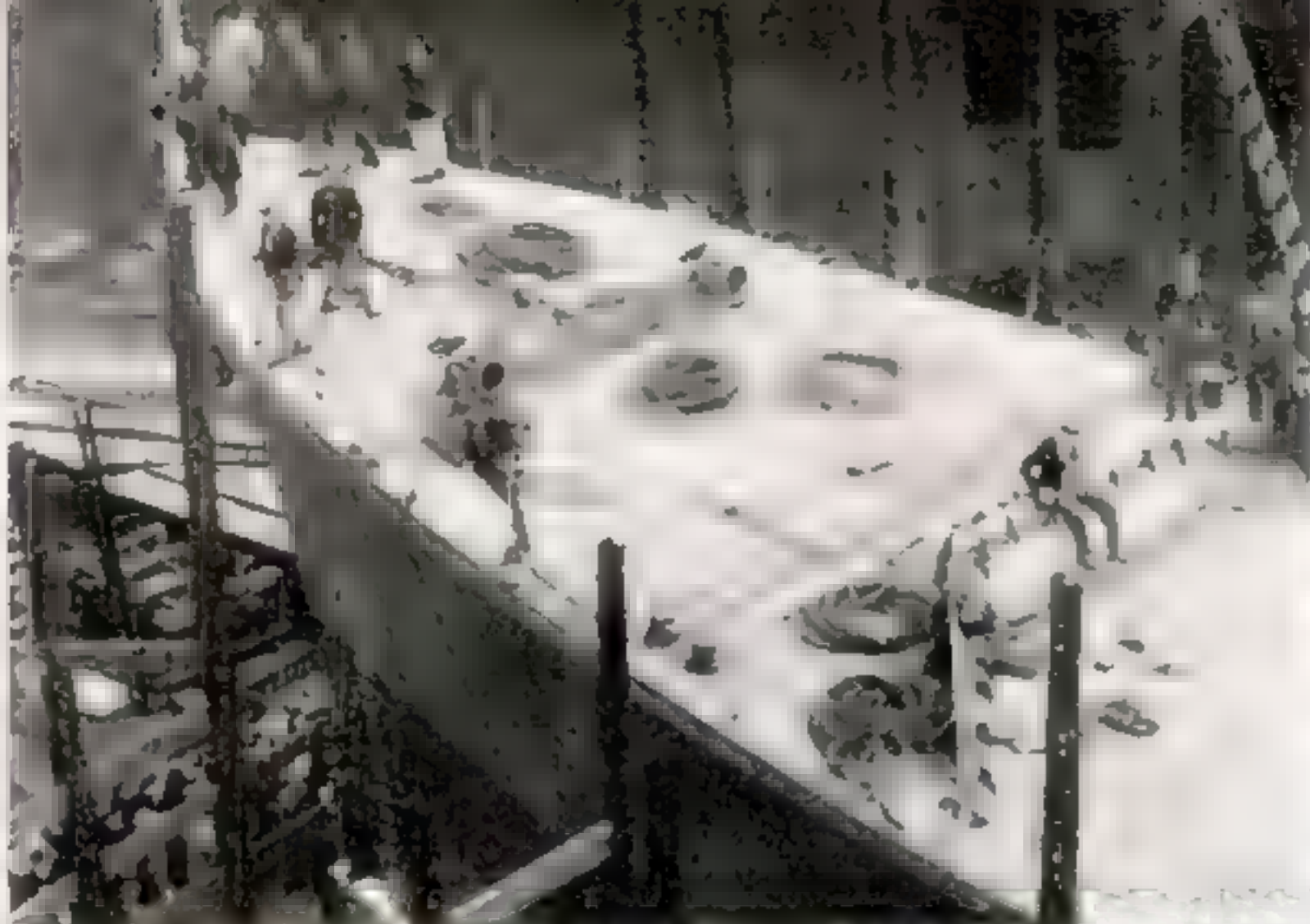
supply and replenish it. Here is what one American business, The Texas Company, is doing. More than two thousand of us have already gone forth to fight. The rest of us are working to make 100-octane gasoline for our warplanes, Toluene for that powerful explosive TNT, Butadiene for synthetic rubber. We are just one company. Hundreds of others are working to the same end.

Wait but a little longer, Pieter. Our machine is almost ready... almost ready to help sweep that evil machine from your country, from Europe, from the good green earth... forever.

THE TEXAS COMPANY

TEXACO FIRE CHIEF & SKY CHIEF GASOLINES - HAVOLINE & TEXACO MOTOR OILS





The heroine of the story, H. M. S. *Torrin*, is introduced in an English shipyard. Here to the noisy accompaniment of riveting and grinding steel plates, she grows from a keel to a British destroyer.



Ready for action, the destroyer *Torrin*, commissioned in 1939, heads for sea. Because of war she has been prepared for service in three crises since she was laid down.

MOVIE OF THE WEEK:

In Which We Serve

Noel Coward's epic sea drama

Forgetting his bedroom and balcony comedies, versatile Noel Coward has returned to the documentary storytelling of his early movie *London*, and has produced, written, directed, composed and acted in one of the greatest war films yet to appear. *In Which We Serve* is the epic story of the Royal Navy at war. The heroine of the film is a British destroyer, H. M. S. *Torrin*, fictional counterpart of Lord Mountbatten's famed *Kel*. From the laying of her keel to her bombing in the Battle of Crete three years later, the ship's life and the lives of her men and their women at home make up this dramatic story.

In the film are some of the finest battle scenes which have ever been recreated. More than depicting the long naval engagements, *In Which We Serve* tells with understatement and simplicity of all Britain at war through the flashback vignettes of a philosophizing chief petty officer, a seaman who meets a girl on a train and marries her, and the captain who wants "a happy ship." The title of *In Which We Serve* is from the prayer which captains of British warships read to their men: "receive into Thy Almighty and most gracious protection the persons of us Thy Servants and the fleet in which we serve."

DURING THE BATTLE OF CRETE THE "TORRIN" FIRES ON A SAILBOAT CARRYING GERMAN TROOPS. IN FULL MARCHING ORDER THE NAZI SOLDIERS LEAVE THE DISABLED BOAT



CONTINUED ON PAGE 33

Ginger Rogers "ONCE UPON A HONEYMOON"
Produced and Directed by Leo McCarey



★ It creates a lovely
new complexion



★ It helps conceal tiny
complexion faults



★ It stays on for hours
without re-powdering



* Pan-Cake. Trade Mark Reg. U. S. Pat. Off.

Pan-Cake Make-Up*

...the secret to give glamour to beauty!

The beauty you've always desired...a complexion lovely in color tone, smooth as a pearl and flawless...is the beauty you can create the very first time you try this new, modern creation. You'll look lovelier longer, too, because it stays on for hours without re-powdering. Originated by Max Factor Hollywood for Technicolor pictures, Pan-Cake Make-Up has become the popular make-up fashion of the day.

P. S. Easy and quick to use, too...it's a "find" as a time-saver.

*Max Factor * Hollywood*



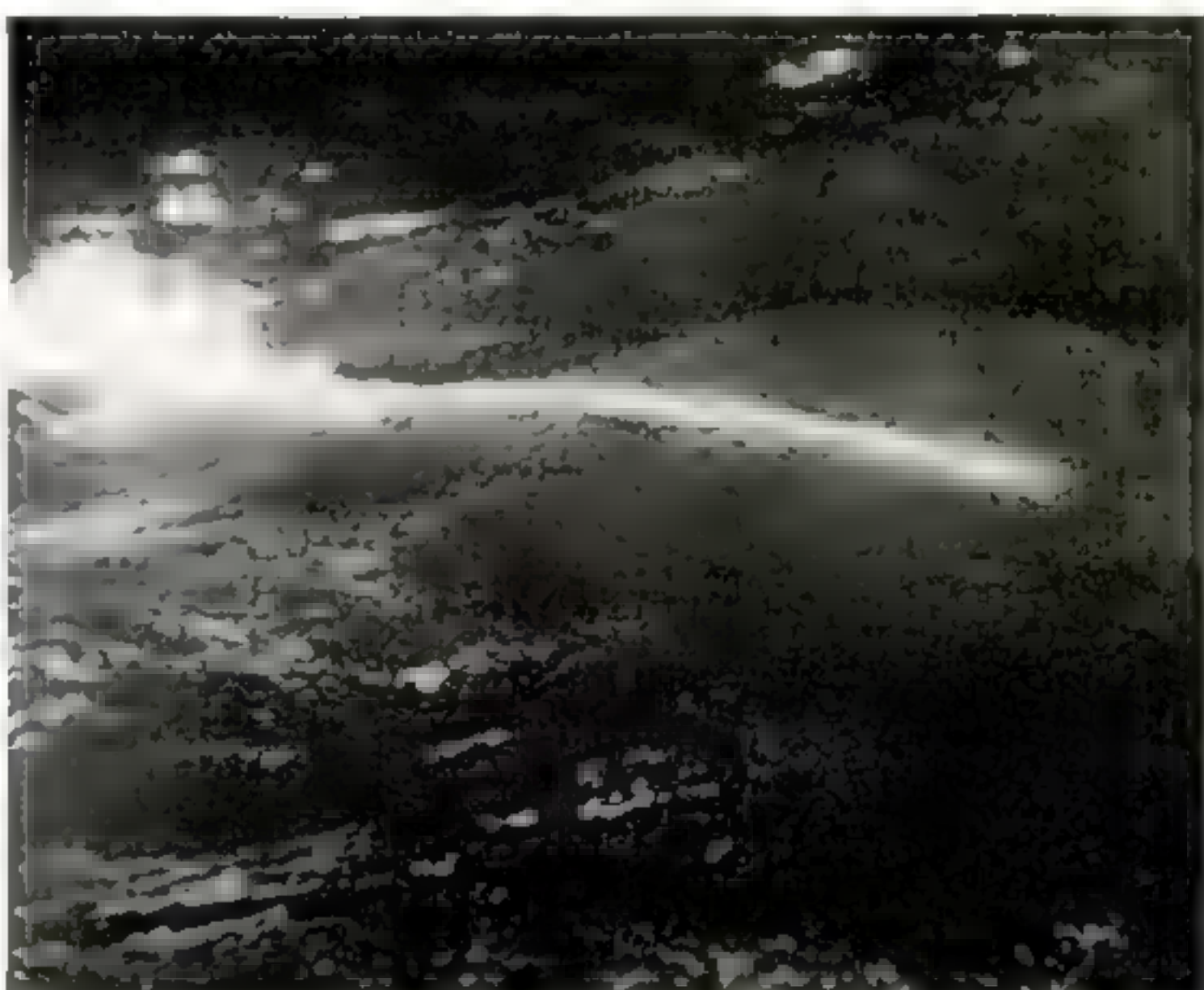
During the Battle of Crete, wave after wave of large German bombers attack the *Torrin*. Diving close to the crow's nest this attacking plane exposes itself to fire of ack-ack guns.



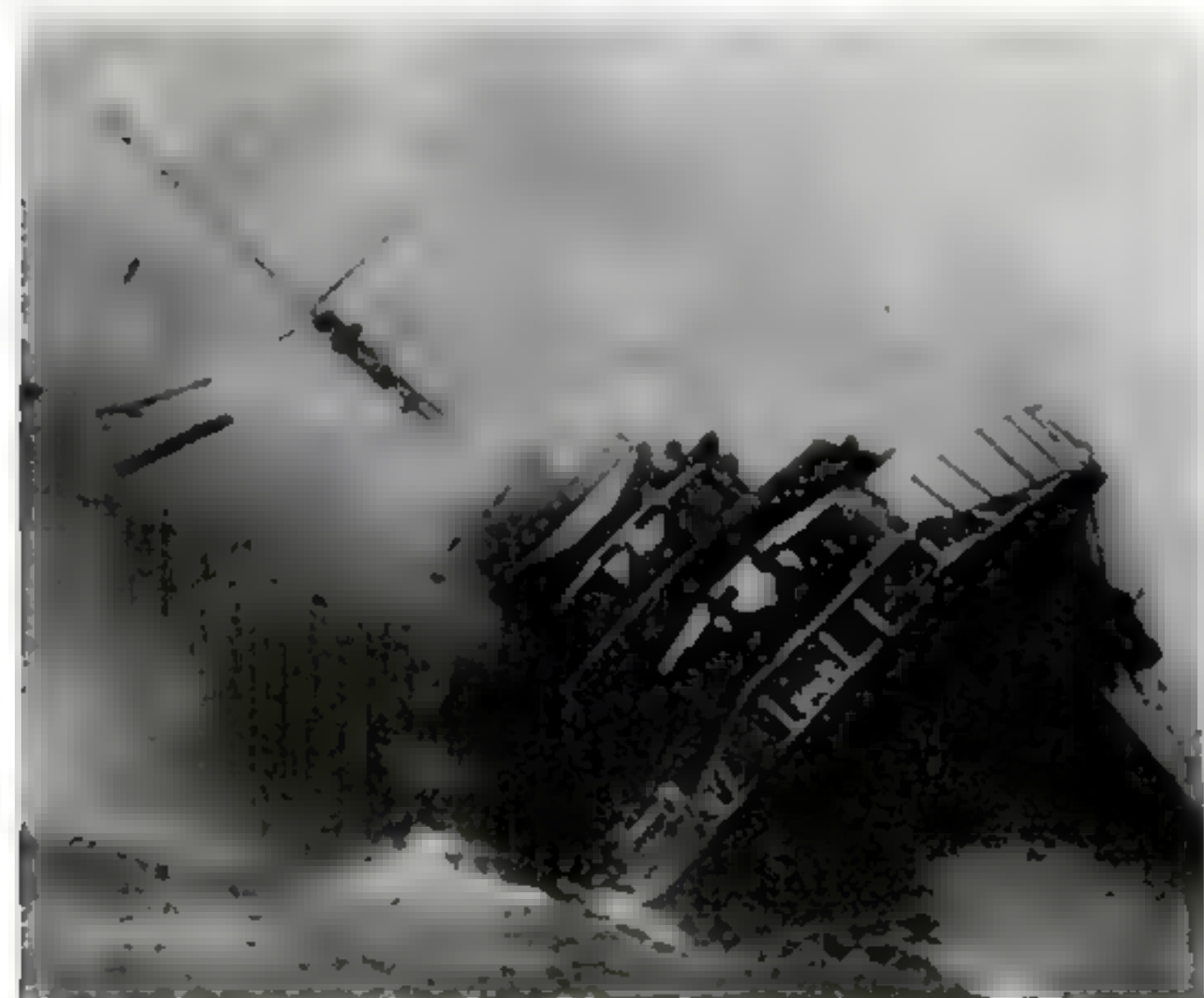
On the compass platform Captain "D" (Noel Coward) and his officers, protected from the attack only by their steel helmets, duck down as machine-gun bullets strafe the deck of the ship.



Making a direct hit, a Nazi bomb falls and explodes on the *Torrin* just below the compass platform. A studio-built "destroyer" 200 ft. long was used for many of the shots in the film.



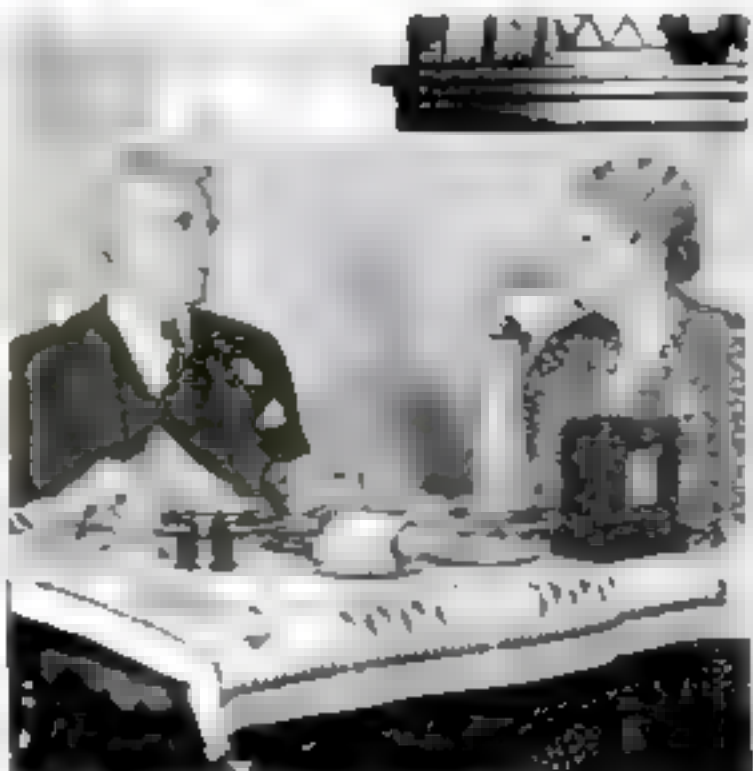
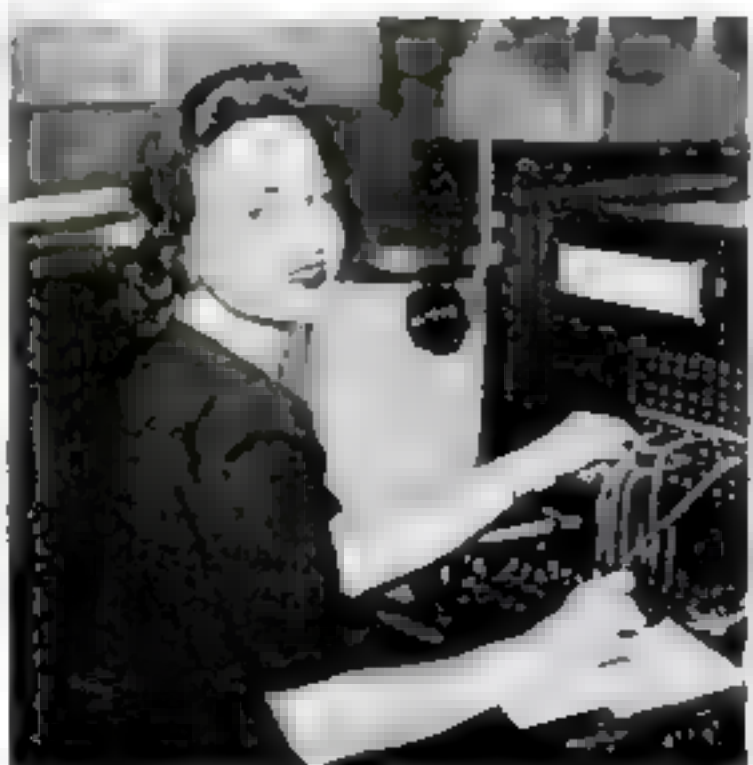
A torpedo from an enemy submarine rushes silently through the black choppy sea toward the steel plates of the *Torrin*. A large tank in the studio was used for the close-up water shots.



Badly bombed and torpedoed the valiant *Torrin*, now on fire, begins to heel over. The studio ship used for this scene was rocked by compressed-air cylinders, and could heel over to 15°.



"Abandon ship" is ordered by the ship's captain after the bombing, and crew of the *Torrin*, dressed in summer uniforms and wearing life belts, began to jump over the side of the ship.



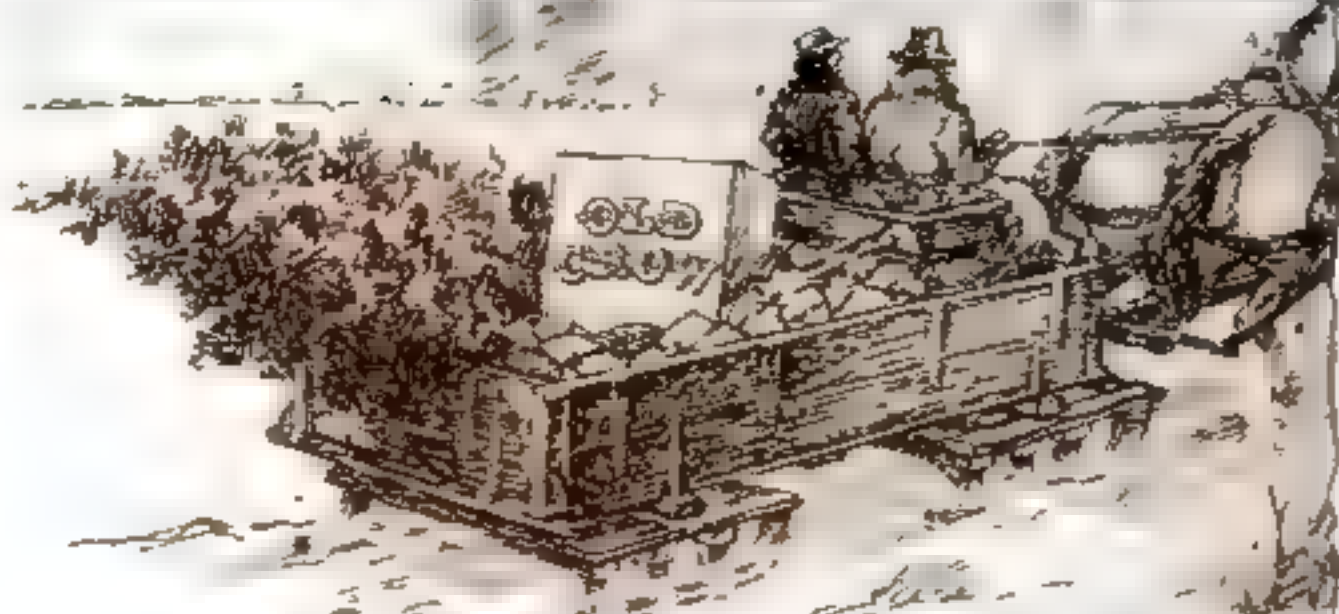
A cross section of "unmistaken" Americans—that is, Americans who *haven't* made the mistake of thinking of Postum as "just a coffee substitute." They know that Postum has a swell, distinctive flavor all its own. And their liking for Postum has made it one of America's *great* meal-time drinks. Try it and see. Two forms: Postum Cereal, the kind you boil or percolate. Instant Postum, made right in the cup. Both economical.



↑ Surviving officers and men swim through the oily waters to a rubber raft. After hours of the water men are exhausted and free from enemy planes. They are rescued by a sister destroyer. The captain, Noel Coward, has eyes closed, tight exhaustion. (lower right)

Youngest member of the crew is present along with the captain but soon goes. It is obviously leaving his post during an earlier battle, the boy has lost the show that he is a good soldier. Captain "D" overrules him as the young boy tries to talk. (lower right)





Make it an
Oldtime Christmas
 by serving this old time
 favorite

**OLD
 CROW**



A Truly Great Name

**AMONG
 AMERICA'S GREAT WHISKIES**



*For nearly a century, those in
 the know have not only asked
 for Old Crow, but also chosen
 this famous Kentucky whiskey
 to convey holiday greetings to
 their most cherished friends*

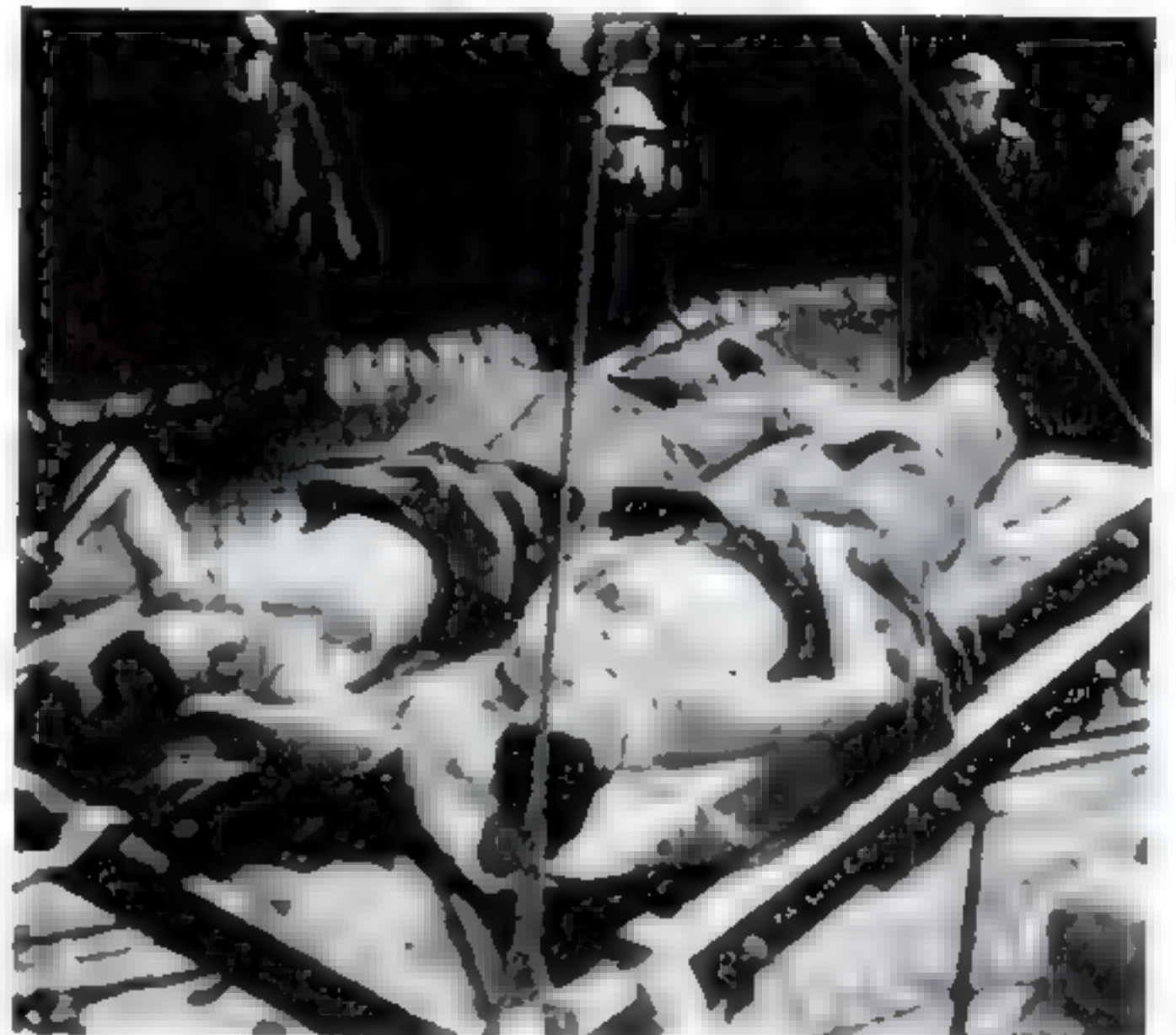
BOTTLED IN BOND

NATIONAL DISTILLERS PRODUCTS CORP., N. Y. • KENTUCKY STRAIGHT WHISKEY • 100 PROOF

"In Which We Serve" (continued)



At Dunkirk the *Torin* comes in close to the beaches and helps to evacuate British Expeditionary Force. Aboard ship soldiers are fed and nursed by the *Torin's* crew.



Back at a dock in England with a shipful of evacuated soldiers, the *Torin* waits only long enough for the men to get off. Wounded soldiers are lowered in a cargo lift.



From bridge Captain "D" watches exhausted soldiers form ranks, come to attention, proudly march away from ship. The *Torin* immediately turns back to Dunkirk.

CONTINUED ON PAGE 14

How RCA Victor's "Beat the Promise"
Campaign Helps War Production

MR. MORGENTHAU, MEET MRS. BOWELL

Mrs. Elizabeth Bowell is the mother of three sons, two of whom are in the armed forces, the third doing war work at RCA Victor.

That's quite a contribution to make to your country's welfare. But Mrs. Bowell is doing even more.

At the RCA Victor plant, in Camden, N. J., Mrs. Bowell is one of many thousands of employees who have pledged to *beat the promise* on the production of vital radio equipment for the fighting fronts.

Mrs. Bowell knows how important it is that our Army and Navy not only have the best radio equipment that can be made, but that they get it *fast*.

She knows, too, that money is an essential ingredient in the production of all materials of war.

So Mrs. Bowell—together with 74 per cent of *all* RCA Victor employees at Camden—has made another promise. She has pledged at least 10 per cent of her weekly wages to the purchase of War Bonds.

This war is a *people's war*—as we here at RCA Victor know. And that is why our "Beat the Promise" drive has as its object not only the bettering of production schedules but the bettering of War Bond buying, too. At the bottom of this page are a few of the posters used in spreading this vital message.

That is why, Mr. Morgenthau, we call to your attention Mrs. Bowell who typifies the spirit of all RCA Victor employees...the spirit which prompted us to announce publicly over one year ago, "With RCA Victor, national defense comes first. By comparison we hold *nothing else important*."



RCA VICTOR

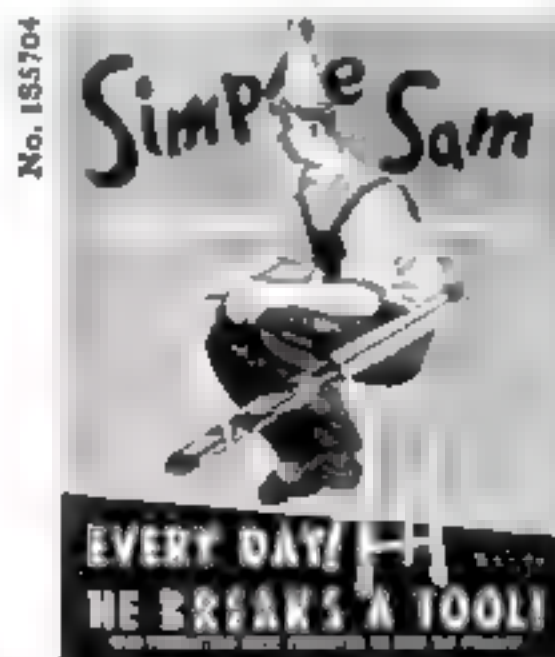
A Service of the
RADIO CORPORATION OF AMERICA



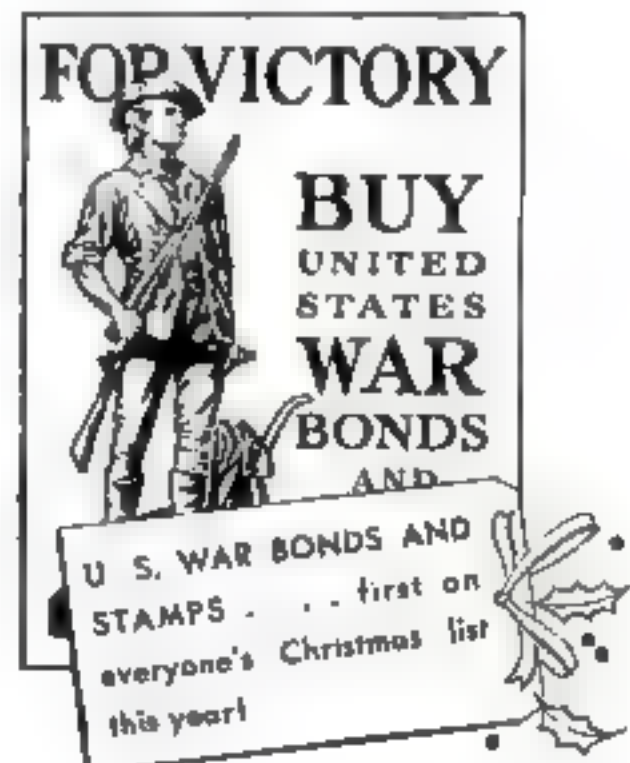
LET THESE VICTORY POSTERS HELP SPEED WAR PRODUCTION IN YOUR PLANT



Employees of RCA Victor themselves inspired these color posters, used as part of the "Beat the Promise" Campaign. To date, 176 other companies engaged in war work are using this and related material to spur their own production



and help the war effort. These posters are available singly or in quantities at cost. If yours is a war industry which can use any of the "Beat the Promise" material, write to Department BTP-3C, RCA Victor, Camden, New Jersey.



AMERICAN WOMEN
HAVE FOUND MORE THAN
500,000,000
MILES OF WEAR IN
PHOENIX HOSIERY!



enduring
testimonial to
Phoenix
symbol of finer
quality during 55
years of knitting
achievement.
Today, buy
Phoenix—for
men, women
and children
with
confidence
in quality
and depend-
ability.

**PHOENIX
HOSIERY**

Today, as in World War I,
Phoenix proudly supplies
socks for our Armed Forces.

"In Which We Serve" (continued)



A picnic in the country is shared by the captain and his family while the *Torren* is back in port for repairs. The quiet day is interrupted by a dogfight over the Channel.



Home for Christmas with his family, the philosophizing chief petty officer (Bernard Miles) stands up at the head of the table and proposes a toast to H. M. S. *Torren*.



While on leave Ordinary Seaman Shorty Blake (John Mills) meets the girl sitting next to him on the train. He marries her and later their child is born during a blitz.

*They come
back strong*

-when you eat your milk, too!

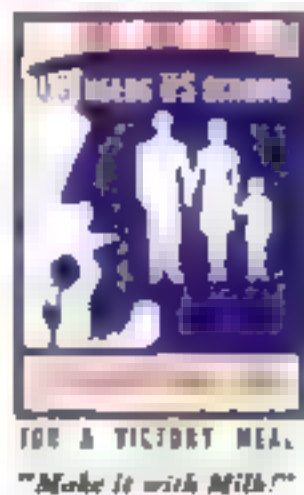
Arrmy figures about teeth would scare any mother! Yet much tooth decay could be avoided with protective foods, like milk.

Even if a youngster *is* good about drinking milk, it's still better if he *eats* it, too, in milk-rich cooked or frozen dishes.

Carnation is just pure whole cow's milk, concentrated to double-richness, irradiated for extra vitamin D, homogenized to break up the cream, and sterilized for safety and easier digestion.

Whether children "eat" Carnation—or drink it chilled and mixed half and half with cold water, it supplies protein and butterfat essential for normal nutrition. Plus vitamins and minerals to build—and maintain—strong bones and sound teeth.

Send for easy, economical milk-rich recipes. Rely on Carnation to help fill your youngster's funny, grinning tooth gaps.



IRRADIATED
Carnation Milk
"FROM CONTENTED COWS"

TUNE IN THE CARNATION "CONTENTED HOUR" MONDAY EVENINGS, NBC NETWORK



CHEESE SOUFFLE

Make a sauce of 4 tbsps. butter, 4 tbsps. flour, 1½ cups hot Carnation Milk, undiluted, and 1 tsp. salt. When thick and smooth, remove from fire. Add ¼ lb. American cheese, sliced. Stir till melted. Add 6 beaten egg yolks. Mix well. Cool. Fold into 6 beaten egg whites. Pour in 2 qt. casserole. Bake 1½ hrs. in 300° oven. Serves 6.



FREE! Dozens of milk-rich recipes and menus for all ages—in "Growing Up With Milk." Big illustrated book to help you get more milk in meals. Address Carnation Co., Dept. L16, Milwaukee, Wis. Or Toronto, Ont., Can.



The first air passengers—

A ROOSTER, A SHEEP AND A DUCK

A rooster, a sheep and a duck were the first living creatures to voyage into the air in a man-made contraption. These three achieved immortality by ascending to a height of 1500 feet in a basket attached to a free, hydrogen-filled balloon. . . . The flight was conducted by Joseph Montgolfier, from the courtyard of Versailles on September 19, 1783.

As long as there have been birds to fly and men to watch them, the human race has been impatient with the law of gravity.

But when a man first held flight between his hands, he did not dare believe it. The balloon rose in the air. It floated well. But for a man to fly about himself—that was another matter.

After the first successful flight, however, there was no keeping man on the ground. The law of gravity was repealed, once and for all. Soon there was talk of airships with power—man power, steam power, electric power.

The power finally was produced by the gasoline engine. With its development, lighter-than-air craft became a means of transportation.

In America the story of lighter-than-air craft is largely the story of Goodyear Aircraft. . . . From the early days of American aeronautics, Goodyear has steadily led

the way in lighter-than-air craft development and manufacture.

In the last war, Goodyear built almost a hundred non-rigid airships and more than a thousand balloons for the U. S. and Allied Armies.

Today Goodyear "blimps"—the largest ever built—ceaselessly patrol our sea lanes. Declared by a representative of the U. S. Navy to be "the natural enemy of the submarine," they help to keep U-boats where they belong—at the bottom of the ocean.

The building of blimps and barrage balloons is only part of Goodyear's constant work in the war program today. Thousands of Goodyear men and women are working night and day, building almost every essential part for airplanes, as well as for airships and balloons.

The smoke of war lies over most of the world today, and no one can see beyond the

present clearly. But of one thing we can be sure: We are poised on the threshold of another new and challenging era of transportation. It is in the air that the highways of the future lie. It is in the air that man must find his way to freedom.

• For heavier-than-air craft, Goodyear makes complete wing and tail units . . . control surfaces, floats, fuselage sub-assemblies, magnesium and aluminum alloy wheels, hydraulic disc brakes . . . as well as tires, tubes, bullet-puncture-sealing gas tanks and hose, and flotation gear for leading aircraft manufacturers. In the lighter-than-air craft field, Goodyear supplies barrage balloons and blimps to the U. S. Army and the U. S. Navy. Goodyear Aircraft Corporation, subsidiary of The Goodyear Tire & Rubber Company, Akron, Ohio.

★ ★ ★ ★ ★
★ **AMERICA MUST BE** ★
★ **FIRST IN THE AIR** ★

★ Unless and until America
★ is the most powerful na-
★ tion in the air, our safety,
★ our freedom, and our
★ standard of living will
★ not again be what they
★ have been in the past.

★ *Phil Kitchfield* ★
★ ★ ★ ★ ★



Let Glenmore give New Life to Old Favorites!



**RICHER
TASTING**
Adds just the
right flavor to
every occasion!

MELLOWER
Makes special drinks
especially good!



MILDER
A smooth buy
for your money!



**KENTUCKY'S
FINEST**
The Bourbon to give
— the Bourbon to
serve!

GLENMORE BOTTLED IN BOND
Glenmore is also available in
Bottled in Bond — 100 Proof

86 Proof

Glenmore Distilleries Co.,
Indianapolis, Ind.

P O U R G L E N M O R E . . Y O U G E T M O R E

LONELY WIFE

New book tells wives of men in service how to get along alone

The French have a saying that "parting is like dying a little." To this realist's answer, "for those who are left behind." In no instance is this truer than in the case of the young wife whose husband has joined the armed services. As an aid to the hundreds of thousands of U. S. wives who now find themselves in this situation, Ethel Gorham, advertising writer for New York's Bonwit Teller, has written a handbook, *So your husband's gone to war* (Doubleday Doran, \$2).

To Mrs. Gorham the loneliness of such a wife is just one more problem to be dealt with, along with the rent, gas bills, mother-in-law, children, "wolves," jobs, volunteer work and furloughs. The book offers no new sensational solution for the many perplexities that face a husbandless wife. Rather it reviews all the practical devices which sensible women have always known.

What to do with the house or apartment is one of the first problems to be faced. Mrs. Gorham considers the pros and cons of going home to live with mother, moving in with another woman, sending the furniture to storage and living in a furnished room. She concludes: "On the whole, it is wiser to try and stay on in the same fashion you did before the war. Perhaps in a less spacious, cheaper house, but with intrinsically the same setup, the same furniture, you as the mistress of the house—instead of another female or assorted females—your husband as the master when he returns on furlough."

Furloughs present a whole new set of problems. Her basic advice is to remember that the husband home on leave will want to do what he has always done. If he liked gay parties, he won't want a romantic twosome. If he was the pipe-and-slippers type, he won't want to go out on the town.

Although no two cases of wives whose husbands have gone to war are identical, loneliness is a problem common to most of them. LIFE, therefore, presents in pictures the story of one lonely wife who also appears on cover and how she conquered her loneliness.



"You come home from the station or airport or little gray ferry and it seems like a farewell to everything about life you love. . . . Loneliness hits you quickly," writes Mrs. Gorham.

The living room and bedroom are empty, desolate places. They also usually represent more rent than Joan, now a woman alone, can afford to pay. A smaller place will have to do.



His clothes are a problem. "Selling a man's clothes is like burying him before he's dead," says Mrs. Gorham. She advises keeping as many of his things as possible. Many wives who sell their husband's "civvies" justify it on grounds his clothes won't fit when he comes back.



Off to storage goes most of the furniture. Joan is moving to a smaller place, partly furnished, on a monthly basis. Thus free of the burdens represented by a lease and household effects, it will be much simpler, if the occasion arises in near future, for her to join her husband at camp.



In the new apartment everything at first seems hopeless. There are all the essentials—the pots and pans, the few dishes and silver—to unpack, as well as the pictures, plants, books, which will help place seem like home to Joan and her husband when he gets leave.



Eating alone in restaurants or cooking for oneself is sad business. Delicately food rich, but eaten a tray is no solution. "Food needs made companions," writes Mrs. Gorman. "So you sit alone and sulk for the first week or two. But soon you find you must eat for health—so you regular meals." "I agree."



Sitting home and reading "when there is a man opposite you reading, too, is completely different from sitting home and reading by yourself." This applies to resting, listening to the radio, knitting and all the other things included in "doing nothing with someone."



Purely feminine is the satisfaction of messing through one's old clothes closet, trying on the once-lovely evening gown, making a hat with bits of flowers and veil. These are some of the "pleasures of solitude." But there are nights when you would go mad at the thought of a drawer to straighten."



A letter from camp, or ship or front, marks the high spot in Joan's life. In time, she has learned that writing letters to her husband helps ease the ache of loneliness. Mrs. Green warns that if, writing, one of the best rules to remember is "to leave out all personal ups and downs."

But it's writing at length. Letters should be about everything that concerns you both. Most men like newsy letters with lots of detail. Write regularly. Buy lots of stamps, and keep them close with you. Nothing will delay a letter so much as a missing postage stamp.



"But what's a war without shortages!" smiled Elsie

"THERE'S A LIMIT to everything," bellowed Elmer, the bull. "I'll go without coffee, I'll skimp on sugar, I'll cut down on meat, but I'm doggoned if I'll freeze to death in my own living room."

"Good nutrition will keep you warm," laughed Elsie, the Borden Cow. "And if you aren't hungry, you can put on an overcoat. At any rate, grumbling won't help—we're short on heat and almost everything else, these days."

"Everything but your precious milk and dairy products," snorted Elmer. "The paper says that American milk production is the heaviest in history."

"You're right," sighed Elsie, "but you're wrong."



Milk production is larger, but people will still have to be mighty careful how they use dairy products like milk, cheese, evaporated milk, and . . . ice cream. We need so much of these good foods for our armies and our allies, you know."

"That's the last straw," yelled Elmer. "Do you have the brass to sit there and tell me that our Army and Navy can't get along without ice cream?"

"I haven't told you any such thing," retorted Elsie. "But the fact is that most Army and Navy rations call for ice cream two or three times a week. The average soldier in training in this country eats twice as much ice cream as the average civilian. And, most of our big Navy warships as well as many smaller ones carry ice cream for crew members in the ship's service stores."



"Well, I suppose the boys who fight for us do need a little fun along with their nutrition," conceded Elmer.

"You don't get the point," smiled Elsie. "Ice cream is not just fun—it's like milk itself, and more! It's good nutrition and good fun in the same dish. Then too, ice cream is a delicious and digestible source of calcium, one of the most valuable bone-building minerals. And it contains all the fine milk proteins and is an excellent source of Vitamin A."

"I don't know beans about nutrition," grunted Elmer. "But, come to think of it, don't they often include ice cream in the diet of invalids, convalescents, and young children?"

"They certainly do," said Elsie. "I'm glad to see you

sometimes read something besides the sport pages. Speaking of sport, ice cream is a 'quick energy' food, very important in the diet of athletes. And, more important, since nearly half the adults in this country hardly ever drink milk, ice cream offers them a chance to get needed milk nourishment."

"All right," roared Elmer. "All right. So ice cream is a wonderful food. What in blazes am I supposed to do about it?"

"You can keep very quiet," giggled Elsie, "while I tell everybody that: Ice Cream is more than a swell treat—it's a swell dairy food!"



© The Borden Co.

Lonely Wife (continued)



Back to school goes just as has every other summer in the nation at New York City's City University of the City. In the year effort are if free by various means which the city has been able to make a good thing through the



The friendly neighbor (with Afghan hound whose companionship would mean nothing to a self-sufficient young married couple, is welcome now that Joan is alone. These two women understand each other: both their husbands are in need of rescue.



At U. S. Employment Service You apply for a job. You will be judged. If satisfied concerning age, education, spiritual, ex. Ex. Mrs. Gordon. You will not be disappointed and thank you. You will have a waiting time for hours. But it is the only place. It is true to cover all your jobs.



In a music store Joan gets a part-time job. Work which involves meeting and talking to people is a lifesaver for women like Joan. Volunteer work is another good outlet. Below, Joan has a civilian defense job, answering the telephone in a post office in a New York City project, station house.





“What on earth has a battleship got to do with my cooking?”

JACK: Plenty, Mom . . . plenty! They tell me down at the Navy yard almost everything that goes into making those babies is cooked with Gas.

MOTHER: Cooked? What do you mean cooked . . .

JACK: Heat-treated . . . to give the metal proper toughness. For instance, Gas cooks armor plate so it will shake off big shells and not shatter under gunfire. And the steel for tanks, guns, planes and bombs . . . they're all cooked with Gas!

MOTHER: But why Gas?

JACK: Why Gas! You ought to know . . . because it saves time and money makin' a battlewagon—just as it saves you time and money cookin' a meal!

MOTHER: So that's why they say we may be asked to conserve Gas for home uses this winter.

JACK: That's it, Mom . . . Gas is mighty important stuff, and they need lots of it to win the war!

MOTHER: Well, if I can help . . . I'll be glad to do my bit.

JACK: Now you're cookin' with Gas . . . Mom!

★ 85,000,000 Americans depend on Gas to save time, money and food in cooking . . . to preserve food safely in silent Gas refrigerators . . . to heat water and homes. That's why they've made the Gas Company community headquarters for cooking and nutrition information! If you want the latest advice on these all-important subjects . . . consult your Gas Company.



Buy War Bonds today—save for the Certified Performance Gas range of tomorrow.

GAS



*is vital to war production
... use it wisely!*

BY BEING A HOSTESS SHE RETAINS SOCIAL CONTACTS

War work, jobs, studying at night or just puttering around the house are fine for a spell but inevitably comes the day when, according to Mrs. Gorham, "you want no more with books or lonesome beds, you are done with your volunteer work, and you feel high and dry. What you really want is an unwarlike interest in life, a little bit of the gay, friendly sociability you and your husband once enjoyed together."

How to attain this sociability is precisely described by Mrs. Gorham. She covers the field, from parties and "wolves in friends' clothing" to the companionship of other women. "Cast a drink upon the waters and it will return to you a thousandfold" is the text of her sermon. "Your old friendships will stay solid and responsive if you keep renewing them. . . . It is a law of nature that, except for the first few months when all your friends feel sorry for you and want to help see you through this time with a multitude of invitations, entertainment of others breeds invitations for yourself." Mrs. Gorham suggests late Sunday morning breakfast parties where "you have no liquor problem and the food can be cheap" and an occasional buffet supper as breeding grounds for invitations. She sums it up as "a kind of social eye for an eye."



Company of other women, of little interest when husbands are around, is now appreciated by Joan. "Intelligent women

add as much vigor to an evening as intelligent men," writes Mrs. Gorham. "You can talk freely, honestly with them."



How to handle a "wolf" occupies a chapter. It warns against too-helpful male. "Let me do your sums," says wolf to Joan.



Men are fun, but don't pile up dates which lead to entangling alliances. Joan keeps wolf at bay with hank of wool.



At a party, wolf gets very domestic. Book warns that it's the "towers of virtue" which turn out to be "garter-snappers."



Buffet supper should get Joan many return invitations. Joan follows book's advice, serves Hungarian goulash, egg noodles, crusty Italian bread, mixed green salad, fruit, cheese, coffee.



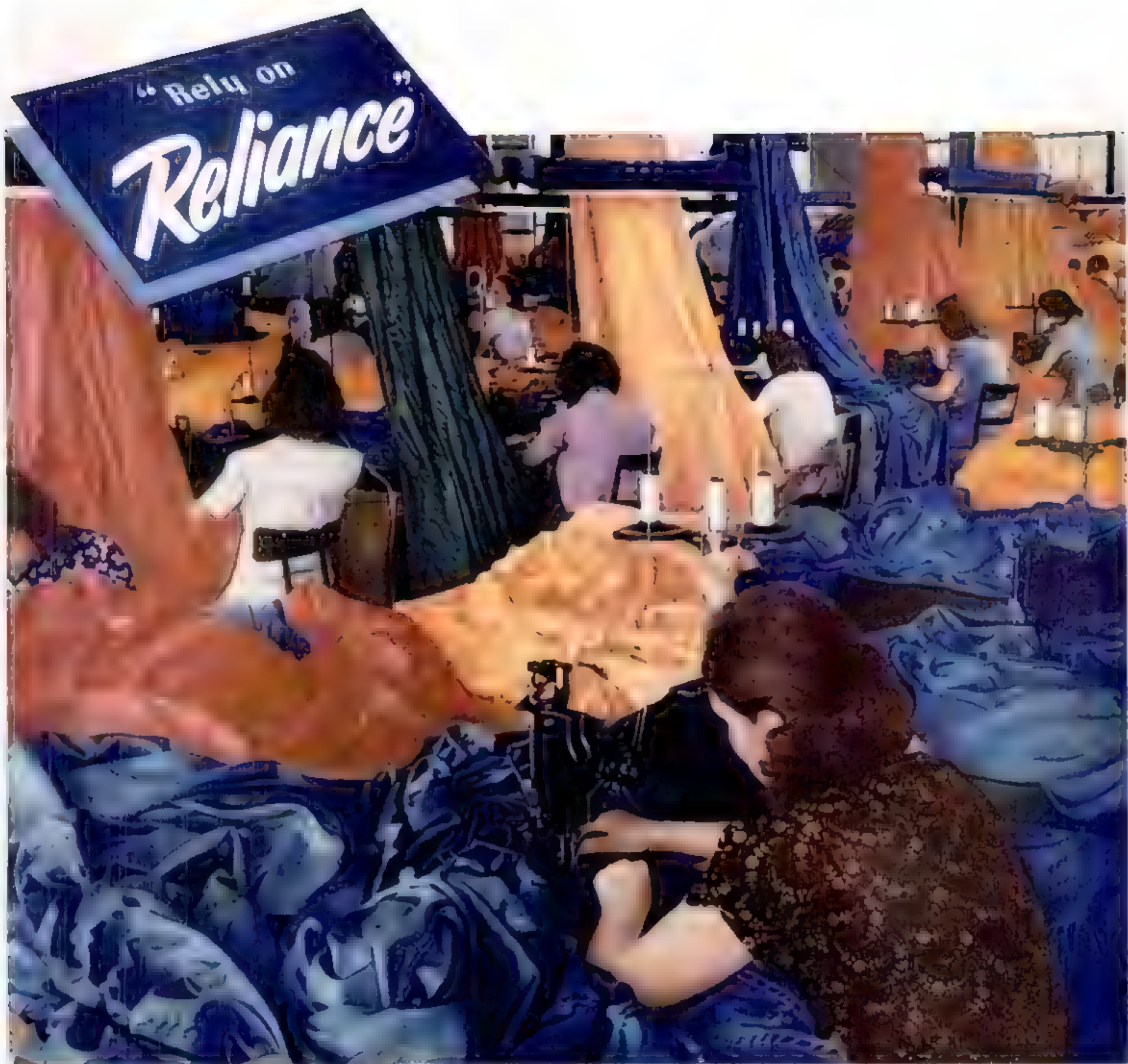
Party for eight is easily handled by Joan even in one room and kitchenette. The fact that her women guests outnumber men doesn't discourage her. The "extra man" is out for the duration.



In prayer Joan finds strength. At War Shrine in Church of the Ascension, beneath flags of the Allied Nations, Joan has written her husband's name in the Service book. After light-

ing a candle she prays: "O Almighty Lord God . . . we commend to thy Fatherly goodness thy servant who through perils of war is serving this nation, beseeching thee to take

into thine own hand both him and the cause wherein his country sends him. Be thou his tower of strength . . . Make him bold through death or life to put his trust in thee."



24 Hours a day



FREE!

"The Interesting Story of Parachutes." Booklet by Capt. Roger Don Ras, parachute expert, telling how parachutes are made and used. Just send postal to Dept. L-12.

Somewhere in America—an army of Reliance workers is building the parachutes now urgently needed by our Armed Forces. Several of our largest plants are devoted exclusively to 'chutes for flyers, 'chutes for paratroopers, 'chutes for supplies. Twenty-four hours a day, this work goes on. In other factories, Reliance is making jungle suits, mechanic suits, field jackets, underwear, trousers and shirts for the Army and Navy. For America's workers, Reliance produces essential civilian garments—the brands made famous through forty-three years of quality production.

RELiance MANUFACTURING COMPANY

212 W. Monroe St., Chicago, Ill. • New York Offices: 200 Fifth Ave., 1350 Broadway

MAKERS OF Big Yank Shirts and Trousers • Happy Home and Ray Whitney Dresses • Ensenada Suits and Slacks • Aywon Shirts • Universal Pajamas • No-Tare Shorts • Big Yank Jackets • Yankshire Coats • Penrod Shirts





The Light no war will ever dim !

Christmas is a light.

- . . . a candle burning in a window.
- . . . the gleam of a star on a tree
- . . . the light in the eyes of a child on Christmas morning

But Christmas is more than these — Christmas is a light within

This light shines brightest in the face of a child — but it glows *deepest* in the hearts of a father and a mother who watch the child at play.

For the light that we know in our hearts at Christmas time does not belong to Christmas alone, or to children alone

It glows in the heart of every man in the armed forces of the United States who stands ready to give the greatest of all gifts — himself

It shines in the heart of the worker who — through the long day, the holiday pleasures given up — gives his skill, with industry's strength, for freedom's sake.

And in the hearts of those who gather scrap, use less sugar and coffee and tea and meat, walk to save gasoline and tires, and keep on buying *one more* U. S. War Bond.

The things we give, and give up, today as Americans, are gifts of freedom and liberty and opportunity to all the world tomorrow



Although we have seen the lights go out one by one, in many corners of the world, the lights still burn, flickering on, in the heart of every American.

And when it burns, it's a devotion to a cause, a faith, a dream. We may be sure that one day we shall see the lights come on again, one by one, over all the world.

In past years General Electric has manufactured many gifts for Santa's pack — gifts that kept on giving in terms of the comforts and conveniences that modern electrical services bring to the home. This year we're manufacturing the tools that America is using to bring liberty and freedom to men of hope and good will everywhere.

GENERAL  ELECTRIC

GE0 872 355



RYE OR BOURBON

*Two little letters
that MAKE
a big evening*

pm

As the gardenia is the symbol of perfection in flowers—P.M. De Luxe has come to be the symbol of perfection in whiskies.



U. S. AND SECRETARY OF WAR FLAG FLANK PORTRAIT OF ELIHU ROOT BEHIND STIMSON'S MASSIVE CARVED MAMOGANY DESK WHICH WAS FIRST USED BY ROBERT T. LINCOLN



War maps on trolleys roll out of walls facing Stimson's desk. Each theater of war is charted by a special map and each is continually brought up to date by expert Army cartographers.

STIMSON'S NEW OFFICES

War Secretary moves into spacious Pentagon Building suite



OFFICIAL SEAL ON STIMSON'S PLATES

Looming across the Potomac like a Cecil B. DeMille backdrop, the War Department's new \$83,000,000 Pentagon Building is just a colossal pain-in-the-neck to thousands of bewildered Washington visitors and harassed employees. They resent the eight and two-fifths miles of barren corridors, the jammed ramps, the pile-up at entrances and exits, the parking and transportation problems, the six overcrowded cafeterias, the staggered working hours. The only really happy person in the War Department's whopping new reinforced-concrete "home" is the Army's civilian chief, Henry L. Stimson.

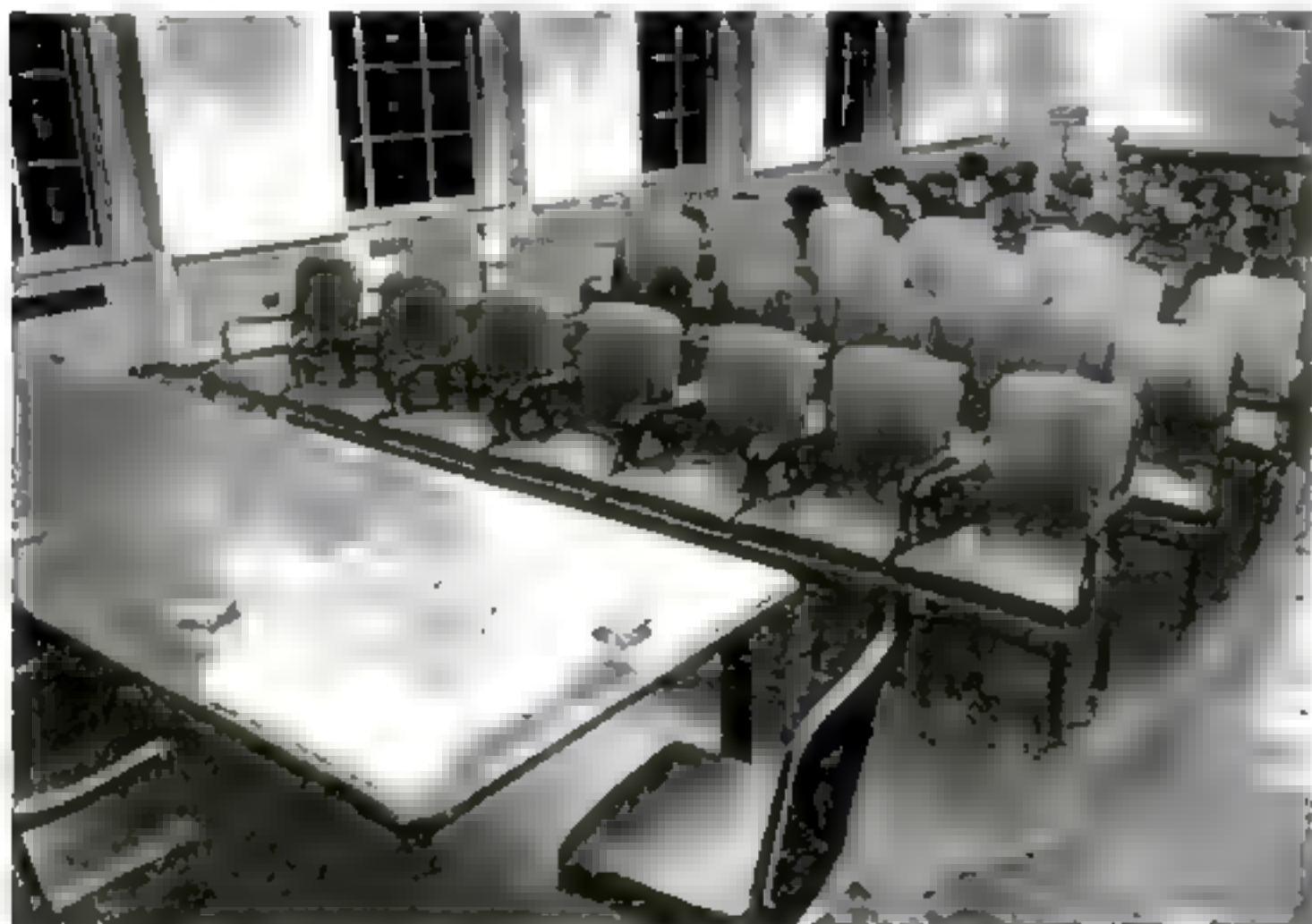
On this and the following page LIFE shows why the Secretary of War has reason to be happy about his new suite. He has a roomy, carpeted office (*above*) with comfy overstuffed leather chairs. He sits at the handsome desk (*left*) which has been inherited by every Secretary of War since Robert Todd Lincoln in 1888. At his right is a direct wire to the White House. At his left is a small oval table which belonged to Jefferson Davis when he was Secretary of War under Pierce. In front of him is an ingenious map alcove from which a series of up-to-the-minute war maps roll out on tracks (*see left*). When not in use they slide back into a special wall closet. He enters and exits whenever he pleases via his private elevator. To avoid waiting in line at the six Pentagon cafeterias, he has his own private dining room and kitchen. He also has an exclusive bathroom and a personal wardrobe room.

Earlier this month the Navy was scheduled to move into the Pentagon Building, which already is bursting with 20,000 employees. But the Navy needed more space than the Army could surrender, and wisely stayed on the Washington side of the Potomac. The suite directly above Stimson's, connected by the private elevator, was intended for Secretary of Navy Knox. Still unoccupied, it may go to Undersecretary of War Patterson, or General Somervell, Chief of Supply, who was a prime mover in the sponsoring and planning of the world's largest office building.

Stimson's New Offices (continued)



Wardrobe room has closet and drawer space for Stimson's personal clothing and effects, including his cane. When Stimson stays late to receive war news, a cot can be put up in room.



Conference hall seats about 100. When Stimson holds press interviews, five ranking correspondents sit at table with the Secretary and General Surles, Army public-relations chief.



Streamlined kitchen is equipped with electric refrigerator and stove, ample storage space. When Stimson lunches at the office, Army cook prepares soup, omelet and salad for him.



Only elevator in new building is for Stimson and General Marshall who has adjoining office. It works automatically, goes down to main entrance or garage, up to General Somervell's suite.



Paneled dining room has accommodations for 26. Stimson usually goes home for lunch by car but the dining room is used daily by ranking generals and the Assistant Secretaries of War.



Private bathroom is small, modern, all-white. The face towels hanging on the rack (left) are marked "Government." There is a medicine chest, toilet and a stall shower but no bathtub.



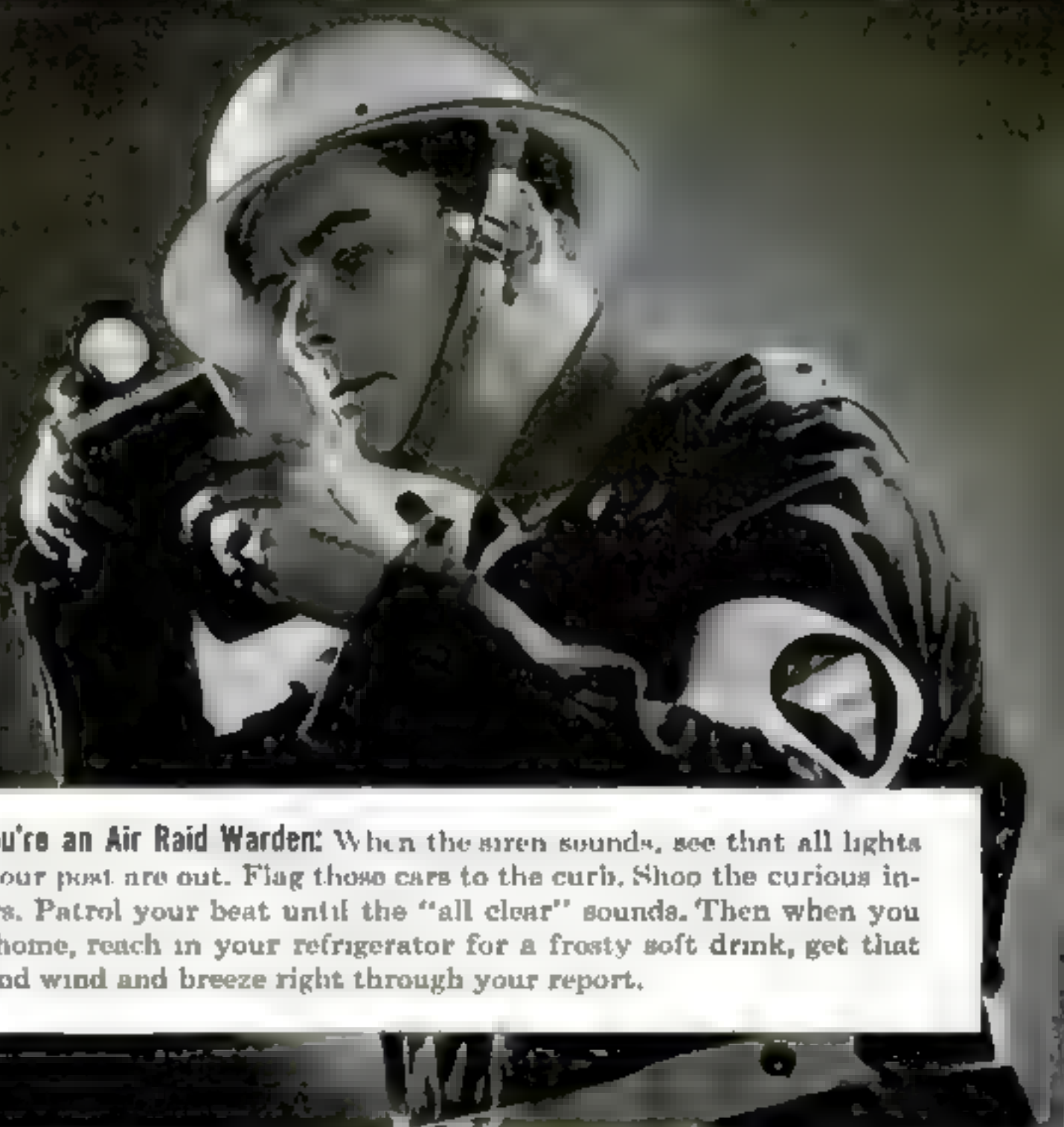
HOW TO GET YOUR "SECOND WIND" FOR 5¢



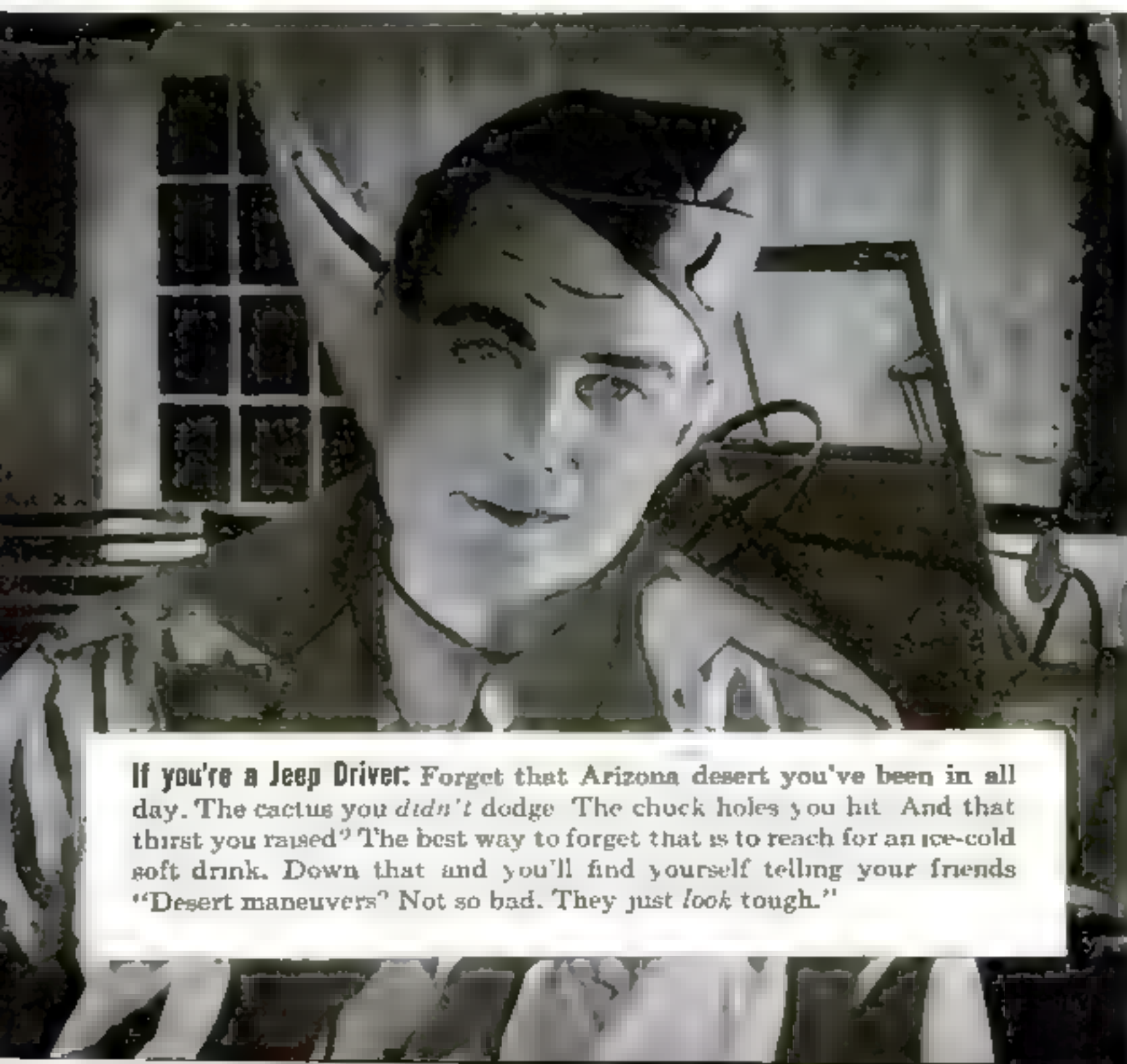
If you're a Sub-Machine Gunner: Forget the grim tenseness of the practice range. The target that looks so small. The gun sight you've been squinting through all morning. When you reach the camp canteen, take time out for a "quick-up" with a good soft drink. Relax for a moment. Then grin and get goin' again.



If you're a Parachute Maker: When your recess comes, sit back and limber up those cramped neck muscles. Look far away from those billowing white folds you've been sewing. Then look far enough to find the nearest soft drink cooler. Get a lift with a good soft drink. Then go back to your 'chute-sewing with a smile.



If you're an Air Raid Warden: When the siren sounds, see that all lights on your post are out. Flag those cars to the curb. Shoo the curious indoors. Patrol your beat until the "all clear" sounds. Then when you get home, reach in your refrigerator for a frosty soft drink, get that second wind and breeze right through your report.



If you're a Jeep Driver: Forget that Arizona desert you've been in all day. The cactus you didn't dodge. The chuck holes you hit. And that thirst you raised. The best way to forget that is to reach for an ice-cold soft drink. Down that and you'll find yourself telling your friends "Desert maneuvers? Not so bad. They just look tough."

Every American needs his "second wind" today. Join the more than 39,000,000 who find it daily by calling for a 5¢ soft drink. Enjoy the moment of relaxation it brings... the feeling that you're fresh and ready to tackle the job again.

As you know, the war makes me harder to get than I used to be. But every time you do find me, you'll discover I'm still being made *right* to taste *best*... still the cola that's best by taste-test.

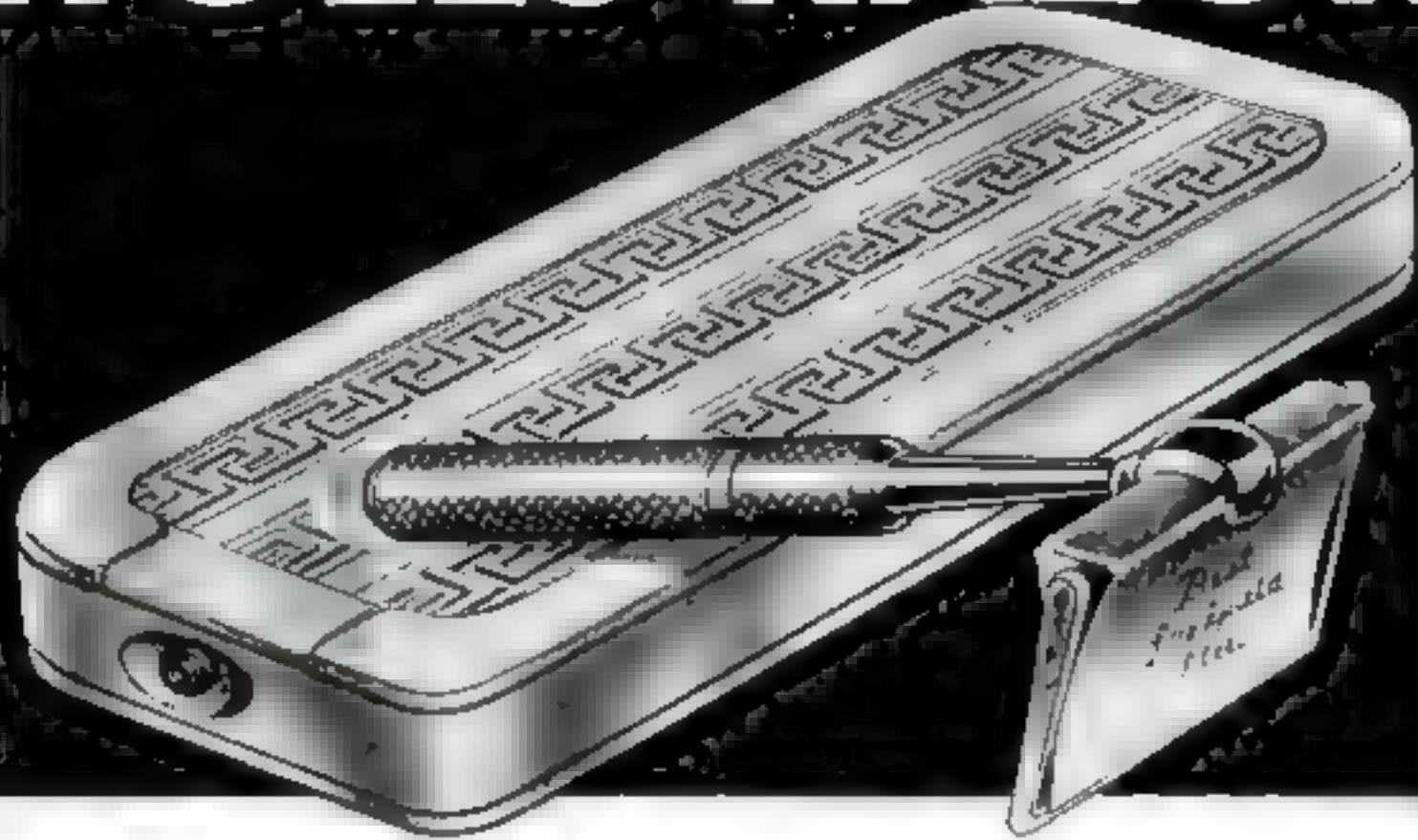


TAKE TIME OUT FOR A "QUICK-UP" WITH

ROYAL CROWN COLA
Reg. U. S. Pat. Off.
Best by Taste-Test!

BUY MORE U. S. WAR BONDS AND STAMPS TODAY

ROLLS RAZOR



SORRY, but we won't be able to solve any more CIVILIAN shaving problems until after the war. The Rolls Safety Razor, with its ONE hollow-ground, Sheffield Steel blade, is now available only to U.S. Post Exchanges and Ships Service Stores.

We regret that this restricted

output will disappoint many thousands of civilians. However, the demand on the part of our soldiers, sailors and marines for this complete shaving instrument, with its bone and stop in a compact, convenient case, is constantly growing. We are sure you would want us to serve our armed forces first.

When your Rolls Razor needs service or adjustment, send us your complete instrument. This will enable us to check all parts and operations, thus assuring many more years of trouble-free shaving.

ROLLS RAZOR, INC. — Sales & Service — 342 MADISON AVENUE, N. Y. C.

A lifetime of shaving pleasure in ONE blade!

SOUTHERN COMFORT

The Grand Old Liquor of the South

Concealed in this smooth, mellow liqueur is a subtle potency that is distinctively Southern Comfort. Its versatile quality makes it an ideal base for any drink, short or tall, straight or mixed.

Sold at Better Bars, Hotels, and Package Stores

FULL

100 PROOF with the robust body of a mellow whiskey and the smoothness of a rare brandy

WORTH TRYING

1. Liqueur of Southern Comfort is a perfect base for a wide variety of drinks. 2. To make a cocktail, mix with champagne.



SOUTHERN COMFORT CORPORATION, SAINT LOUIS, MO.

COLDS' DISTRESS

BREAK IT UP WITH
Salicon TABLETS
"FASTER THAN QUININE"

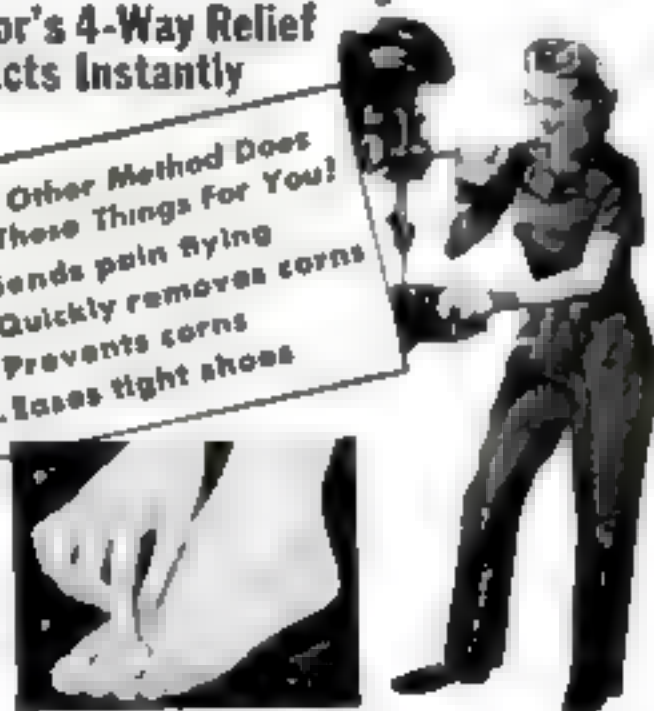
CORNS GO

while YOU carry on!

Doctor's 4-Way Relief
Acts Instantly

No Other Method Does All These Things For You!

1. Sends pain flying
2. Quickly removes corns
3. Prevents corns
4. Loosens tight shoes



LOSE no time these precious days! Dr. Scholl's Zino-pads speedily relieve your misery from corns and gently remove them while you carry on. Instantly stop tormenting shoe friction, lift painful pressure; make you truly foot-happy.

NOTE: If corns have formed, use the separate Medication supplied for removing them. For sore toes from tight shoes, the pads alone will give you immediate relief—another advantage of Dr. Scholl's Zino-pads over old-time caustic liquids and plasters. At Drug, Shoe, Dept. Stores. Cost but a trifle.

Dr. Scholl's Zino-pads

FEET HURT, BURN?

Dr. Scholl's Foot Balm quickly relieves foot discomfort caused by exertion. Soothing, refreshing. Send it to the boys in Service, 35¢



PRIVATE MURPHY TEACHES CANDIDATES

Officer candidates at Fort Benning's famed Infantry School are learning some of their lessons in a new way. A small part of their training consists of watching squads go through actual field maneuvers, to emphasize combat lessons at first hand. At these exercises their attention is held by one clumsy private named Murphy who cannot seem to do anything right. In reality, Murphy is a crack infantry man, but for purposes of instruction



The wrong way to salute is shown by Private Murphy. When not acting, he is a model of military correctness who would not dream of such stupid, unmilitary actions.



With a thumb in his eye, Murphy draws a head on a target before an officer candidates' class. Next he dismantles the rifle and can't get the parts back together again.



Horrified mortar man watches Murphy drop a shell wrong-end-foremost down barrel. Stratagems like this are commonplace with Murphy, to the dismay of his comrades.

AT FORT BENNING'S OFFICER SCHOOL

he acts as no well-trained soldier ever would. By doing everything a good soldier should not do, Private Murphy impresses the candidates with the importance of good training. At the end of the problem he drops his antics, and the instructor asks him a key question, summing up the problem's lesson. By this time each student is eagerly hanging on his every word, and when Murphy replies quickly and correctly, they never forget his answer.



Murphy peers down mortar barrel after putting shell in correctly. Other members of gun crew have prudently retired to sidelines to watch Murphy get his head blown off.



At 0250, Murphy leans nonchalantly on stock of his rifle as the barrel becomes filled with gritty Georgia sand. On the next firing, fouled barrel would probably explode.



Addressing an officer, Private Murphy displays all his tact as he leans on the desk, a cigaret drooping from his mouth. In real life he would be severely reprimanded.

CONTINUED ON NEXT PAGE

"You men," sighed Elsie,
"you're all alike!"

YOU SOUND just like my husband Elmer," said Elsie the Borden Cow, patiently. "You say your wife doesn't understand you, because she won't serve fine cheese for dessert? Have you ever thought of asking her to?"

"Ask her!" croaked the complaining husband, "I command her! Once I even said, 'Wife, it's cheese and crackers for dessert tonight—or I don't come home!' And what happened? She didn't come home!"

"Of course she didn't," snorted Elsie. "That's no way to handle a woman! Even Elmer knows better



than that! Now here's what you do. Tonight stop at your food store and ask the most intelligent clerk you can find for the best cheese in the shop! If he doesn't bring out . . .



1. BORDEN'S MILITARY BRAND CAMEMBERT

You picked the wrong man! Because Borden's Camembert is wonderful! All soft and smooth—but tangy! So you spread my Borden's Camembert on a cracker . . . say "Close your eyes and open your mouth" to that pretty wife . . . feed her, then leave her . . . and start un-rapping . . .



2. LIEDERKRANZ CHEESE!

See that rich, creamy inside . . . that tawny tangy crust? Liederkranz, made by Borden's, is the one American cheese that's world-famous! And if it doesn't make your wife appreciate why veteran cheese-lovers sing its praises, you better gather up what's left of your cheese and look for a more understanding woman! No . . . give her one more chance, because . . .

... HERE'S SOMETHING ALL WOMEN RAVE OVER!



3. BORDEN'S ASSORTED COCKTAIL SPREADS! Eight delicious cheese-flavored spreads each packed in elegant reusable, Swedish-style glasses! Pimento, Olive-Pimento, Blue, Relish, Pineapple, Limburger, Smokey, and

Vera-Sharp. Bet you've already thought "What a swell idea for holiday entertaining!" So tell your now cheese-lovin' wife to get some this week!



4. PIPPIN . . . with its natural American Cheddar flavor! Specially aged by Borden's, it's mellow and sharp. Sold by better food stores in pieces cut to your order.

IF IT'S BORDEN'S IT'S GOT TO BE GOOD!



©The Borden Company

BORDEN'S FINE CHEESES



Grand for the holidays
...mellow
SWIFT'S PREMIUM
It's the way you serve it!

"Best by VOTE!" You're serving America's most popular ham when you serve Swift's Premium! How do we know? Independent research workers called on thousands and thousands of people in all sections of the country, asked "What brand of ham do you think is the best?" **SWIFT'S PREMIUM GOT MORE VOTES THAN THE NEXT THREE LEADING BRANDS COMBINED!** That's why this brand is the one to choose for your holiday feasts. In these days of "Sharing the Meat," you patriotically limit yourself on quantity—but ask for *quality*. Ask for Swift's Premium Ham... serve it regally! And then use those delicious leftovers for continued enjoyment during the holidays.

THE HOLIDAY FIXINGS: To make the gay poinsettia, cut petals from pimento, use small squares of orange peel for the center and green pepper for the stem and leaves. The apples (cored and peeled) get their gala color and spicy flavor from being cooked in this syrup: Boil together ½ cup water, ½ cup honey, 1 cup red cinnamon candies.

Red label, ready to eat, blue label, for easy cooking (slices bear the name Swift on the side).



Private "Wrong-Way" Murphy (continued)



Presenting a vulnerable target, Private Murphy shows wrong way to creep across a field under fire. The prone soldiers in background are advancing in the right way.



During a night patrol, wrong-way soldier merrily lights a cigaret. In combat, blaze of light would reveal the squad's position, would be followed by fusillade of bullets.



On patrol, Murphy carries rifle across shoulders in wrong fashion, reads paper while advancing. When rest of the men take one road, he blindly continues on his own way.



Alma Heflin McCormick, pioneer woman test pilot, who is now an instrument technician for Pan American Airways. Mrs. McCormick, wife of a noted R.C.A.F. navigator, is a Du Barry Success School graduate and an enthusiastic user of Du Barry beauty products.

Open Beauty Secret of the Success School

All over the country, they're talking about it. Thousands of women who have taken the famous Du Barry Success School Course now have skins that look excitingly radiant. One secret...they'll tell you happily...is Du Barry Make-Up Base.

Here is a foundation like magic for all skins... yes, even dry ones! For creamy, moist Du Barry Make-Up Base is non-drying. As you smooth it on before powdering, suddenly your complexion takes on a fresh, dewy look that's so very young and

flattering! Little imperfections and blemishes are hidden. Yet your skin won't look heavy and painted...just naturally lovely!

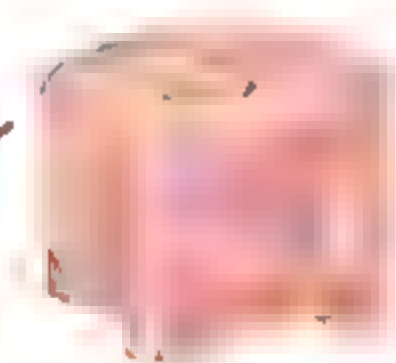
But what's most thrilling...here is a foundation that will give you a flawless and longer-lasting make-up. And you won't have to keep constantly repowdering and dabbing. Your loveliness is there to last! Du Barry Make-Up Base...in a jar good for months of miracles...is only \$1.00. Team it with long-clinging Du Barry Powder, the famous

two-dollar face powder now available in a new Debut size at \$1.00.

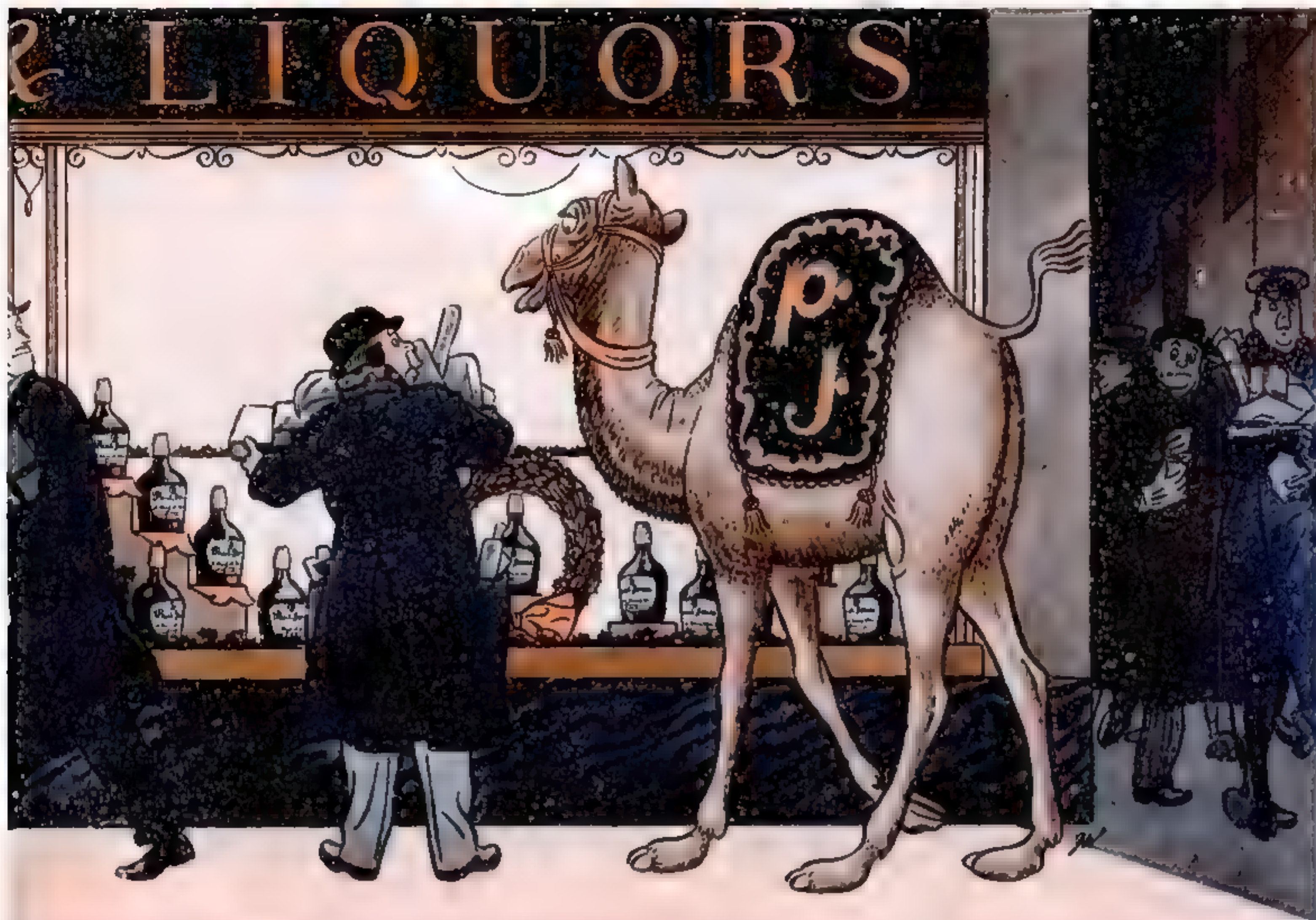
Du Barry

BEAUTY PREPARATIONS

By Richard Hudnut



FEATURED IN DU BARRY SUCCESS SCHOOL AND RICHARD HUDNUT SALON, 693 FIFTH AVENUE, NEW YORK... AND AT THE BETTER COSMETIC COUNTERS EVERYWHERE.



"What, Sahib! Still shopping?"

MAN: Eh? Oh! Now look, camel, I don't wish to be uncivil on Christmas Eve...but go away, will you?

CAMEL: Christmas present trouble, Little Brother?

MAN: You might call it that. Add Aunt Agatha, Little Jimmie, and all the rest of the relatives—this Xmas has cost me a fortune. And I still have to take care of some of the boys at the office!

CAMEL: But sahib, you're looking right at one of the most delightful of Christmas presents—a truly noble whiskey, master—Paul Jones. A whiskey of

superb flavor and great *dryness*!

MAN: I can't afford... what's that? *Dryness*, camel? What's *dryness* got to do with whiskey?

CAMEL: Much, O Son of the Morning. For it is this *dryness*... or lack of sweetness, which permits the full, rare flavor of Paul Jones to come through... clear and undistorted for your enjoyment. Indeed, master, it is *dryness* which makes Paul Jones so rare and lustrous a jewel among whiskeys.

MAN: Ah. And a jewel of pretty great price, I dare say.

CAMEL: Nay, O Gracious Prince. This Dry Paul Jones is sold for so modest a sum that connoisseurs of whiskey know it as a *great buy*. So great a buy, sahib, that the demand for *Dry Paul Jones* multiplied fivefold in less than two years. It—

MAN: Say no more, my fuzzy friend. Just tell me one thing: What are you doing December 25th?

CAMEL: Why, Effendi?

MAN: Because, my wonderful beast, I want to invite you out for the biggest, best, most marvelous Christmas dinner you ever had in your life!



The best Christmas buy—is the whiskey that's dry

A blend of straight whiskies—90 proof. The straight whiskies in Paul Jones are 4 years or more old. ♡ ♡ Frankfort Distilleries, Inc., Louisville & Baltimore.

Paul Jones



Most brightly lighted small town thoroughfare in the U. S. is the bonst of Las Vegas' Fremont St. The gambling casinos, bars and hotels whose neon signs glitter on both sides of this

street were open all around the clock, working three shifts like defense plants: daytime, swing and graveyard. Last week proprietors decided to close at 2 a.m. for the duration.



The Las Vegas Club looks like this late Sunday night. Gaming halls are laid out so that slot machines come first, then craps and roulette. In back are poker, faro. Note small boy

with ice-cream cone on counter used for racetrack betting. Children often wait for mothers who are playing keno. Keno (below), favorite women's game, is run in a separate section.



LAS VEGAS GAMBLING

Money is easy come, easier go

Las Vegas, Nev. has the reputation of being the most "wide-open" town in the U. S., and revels in it. The big boom which the town enjoyed during the construction of Boulder Dam seems like high jinks at a church bingo party compared to the preposterous prosperity of today. The average pay check cashed in Las Vegas is better than \$85 a week. Truck drivers are earning up to \$150. Nearby the world's largest cogeneration plant paid out during construction over \$900,000 every week to its 11,000 workers. Within easy hitch-hiking distance are two Army camps, which disgorge restless men into Las Vegas' whirlpool on weekends. Add to this a heavy tourist trade plus the stream of customers drifting through the town's quick marriage and divorce mills, and the reasons for Las Vegas' wide-open reputation become as obvious as the lights on fabulous Fremont Street (upper left).

Moneyed people move hopefully to Las Vegas because Nevada is the only State in the Union with no income, sales, inheritance or corporation taxes.

But for a town of 20,000 population (recently increased from 14,000) Las Vegas does a neat and gaudy job of shaking down dough as fast as people save it. Even drugstores resound with the clink and whirr of "one-armed bandits," slot machines which swallow coins, ranging in size from the rare Las Vegas copper penny to the common silver dollar with equal unfairness. On this and the following pages LIFE Photographer Peter Stackpole has pictured some of the many interesting ways to lose, and sometimes win, in Las Vegas, and some of the people who spend their time and money desperately locking horns with luck.



WHEEL OF CHANCE IS GAMING HOUSE'S BARBER POLE



Roulette table is crowded with men and women players patting their chips down on numbers or red or black. This table is located at a new Las Vegas hotel, the Flamingo, located about five miles out of town. Guests are brought out from the train on a red carpeted stage coach.



Stud poker at the Las Vegas Flamingo draws mixed group of players. Businessmen (left foreground), housewives, defense workers, natives who play in the pressure cooker by the hour, in shirt sleeves. Poker here is for a real fight, with few bluffs and a lot of drinking at the table.



Craps is the dearest love of the average American male gambler, whether civilian or soldier. At this table all betting is in silver dollars. The game is run by two housemen, one on the left to rake in the dice, one on the right to rake in and pay out the dollars. The man in the light sports

shirt and hat at the far end of the table has just made a pass with the "bones." House regulations stipulate that the dice must be thrown with enough force so that they bounce off the opposite wall of the table, which makes any sleight-of-hand manipulation almost impossible.



Dead-pan houseman sits on a high stool expertly fingering out the cards two at a time from a box in a game of faro. Like this bald-headed, double-chinned dealer, most housemen wear green eyeshades to protect their eyes from the glare and to help them focus sharply on the cards. Faro

is not a game for the casual amateur, but professionals claim it gives the better a pretty good percentage. Housemen—scrupulously honest, never gamble at their own game, sometimes try luck at others during time off. Blackboard behind dealer carries afternoon's race track results.

Las Vegas Gambling (continued)



Keno is a woman's game. Like old-fashioned lotto or movie-house bingo, it requires little intelligence. Numbers drawn are flashed on electric board, players cover numbers on cards.



This Nevada plunger plays seven keno cards at once and still appears unruffled. Cards sell for 5¢ apiece, although an occasional game will cost 25¢. Prizes are usually \$5, as much as \$25.



Black Jack is the game that inspires the "turn-that-down-card" look in this blonde's mas-cara eyes. She and her dark-haired partner are playing at the swank Nevada Biltmore Hotel.



Roulette player drops his chips around No. 11 while his blonde wife watches him very closely. The dark glasses are not worn to avoid recognition, as gambling in Las Vegas is respectable.



Glamor girls are part of Las Vegas stock-in-trade. Girl at left is waiting for a quick Nevada divorce, while her friend with up-swept hair-do is a Hollywood starlet in town for a spree.



Non-glamor girls are equally susceptible to games of chance. These intense slot-machine players are typical of Las Vegas who drop in to try their luck on the way home from marketing.



THE WORLD'S BEST DRINKS
START WITH THE *INTERNATIONAL*

GILBEY'S GIN

THE "INTERNATIONAL GIN" DISTILLED BY GILBEY IN THE UNITED STATES—AS WELL AS IN . . ENGLAND . . AUSTRALIA . . CANADA

Copyright 1943, National Distillers Products Corporation, New York—90 Proof—Distilled from 100% grain neutral spirits



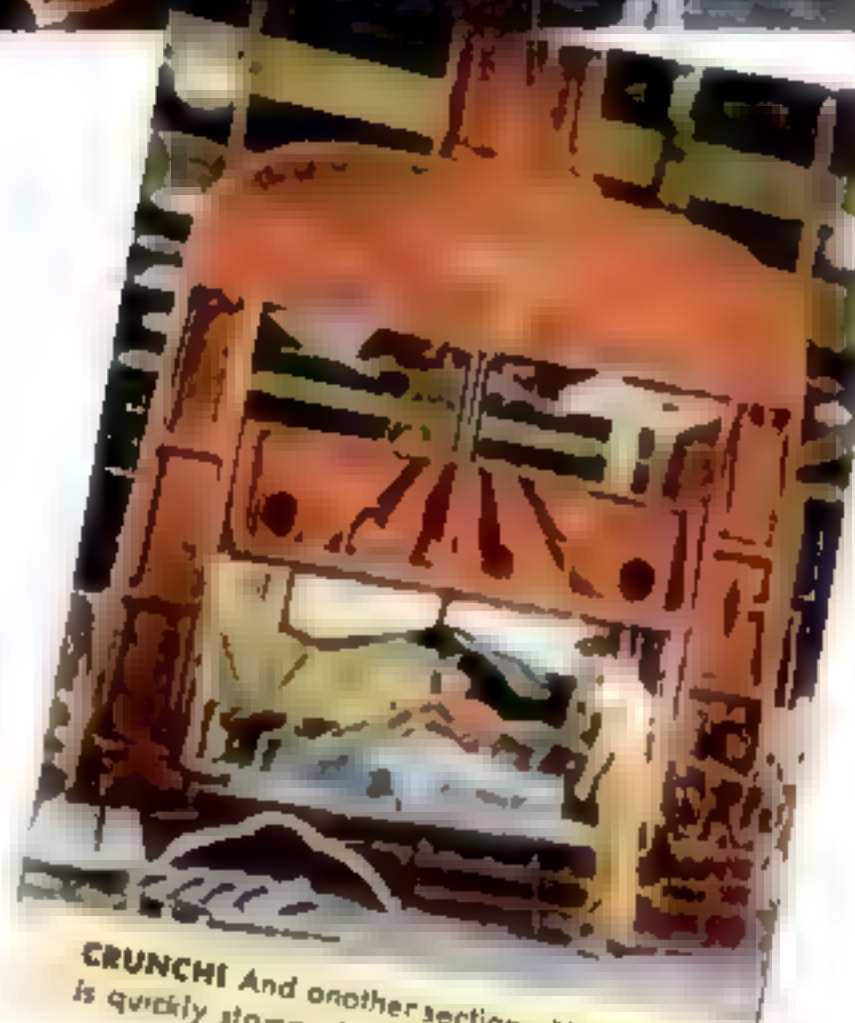
REINFORCEMENTS!

EAST and west, on every front, victory rides the wings of airpower. And America today is rapidly becoming supreme in the skies. Trial by battle has proven American airmen and aircraft superior to the best the Axis offers. New airpower has built a bridge from American assembly lines to battle lines around the world. Production-wise, America's program of 185,000 planes in '42 and '43 is giving us an output far greater than that of all the Axis powers combined.

Potent factor in this drive for aerial supremacy is The Glenn L. Martin Company. Plants in Baltimore

and the Midwest give Martin many acres of floor space devoted to 24-hour production. Automotive and other industries, cooperating as sub-contractors, are loyally using Martin designs and seasoned Martin knowledge to swell the output of bombers. Special Martin-developed features, such as self-sealing fuel tanks and power-operated gun turrets, are being manufactured for installation in other types of aircraft.

Proven veteran of the production front, Martin is proud to forge great numbers of powerful new wings for Victory. . . . The Glenn L. Martin Co., U. S. A.



CRUNCH! And another section of bomber is quickly stamped out by giant presses.



FEMININE TOUCH is sure, skillful in precision aircraft work. Women learn fast, work hard.

Martin

AIRCRAFT

Builders of Dependable



Aircraft Since 1909



THOROUGHBREDS, these rugged flying boats are built to stand up under fierce tropic heat or bitter Arctic cold. Tough, dependable, they can take it.



"MORE!" says the Navy, as big 20-ton "Mariner" patrol bombers roll from Martin assembly lines to join the fleet.

AFTERMATH OF WAR



THE RUBBISH OF A RETREAT LITTERS DESERT EAST OF TOBRUK. HERE ARE ITALIAN SUN HELMETS, MACHINE-GUN AMMUNITION AND CONTAINERS, GRENADES, FOOD, BLANKETS

WHAT ROMMEL LEFT BEHIND IN EGYPT AND LIBYA ON HIS 800-MILE FLIGHT

The footprints of a defeated army are shown on these pages. This wreckage on the desert is the spoor of German Field Marshal Erwin Rommel, fleeing from the worst defeat of his career. It has the look of 800 miles of defeat, stretched by last week from El Alamein to El Agheila, to the stopping place called "Marble Arch." It was mid-November and the Germans were already getting out of Bengasi when LIFE Photographer Robert Landry raced west with the pursuing British Eighth Army to record this aftermath of war.

The Battle of Egypt was a victory of overwhelming might. The only fear the British had was that Rom-

mel might withdraw from El Alamein before the British offensive could be started. Some of these pictures show significantly that Rommel's supply dumps were still far forward, as though he felt no misgivings.

The approaching fight for the rest of Libya will be a battle of supplies. The terrific impedimenta of a desert army are indicated here. Until the British can make a usable port of Bengasi, they must carry supplies for close to a million men across 800 miles. Every tank, using a gallon of gasoline a mile and making only 80 miles a day, needs a 1,000-gallon tank truck shuttling back and forth across the desert. Over 30,000

44-gallon drums of water had to be landed along the African shore. The new artillery war requires enormous amounts of ammunition. For all these jobs, the British have 110,000 trucks, half of them American, and a long road bombed and mined. The Germans, on the other hand, have been thrown back closer to their base at Tripoli. Their ships and some of their fleet of 5,000 Junkers transports are feeding men and supplies into Libya as well as Tunisia. There may be four more German infantry divisions and another tank division behind minefields of El Agheila. The smashing of Rommel has one more installment to go.



HOUSES OF TOBRUK were all smashed, inside or out. The low building is roughly marked as headquarters of the local command of the German Navy (*Beauf Deutsch Kriegsmarine*) and beyond was the British YMCA headquarters. The recapture of Tobruk was a later crisis.

German to the First South African Division, which lost many of its men there when the Germans captured Tobruk in June. The docks were loaded with German supplies when the British proved this time, for the last time, had been destroyed by American bombers few days before the fall.



SHELLING did most of the damage to Tobruk. This hillside in the southern part of the town was always under the guns of an attacking force. But unremitting Allied bombing during Marshal Rommel's retreat polished off the job. British troops had to sleep in these broken buildings.



A LONE CHAPEL still rises the cross along the roadside five miles east of Tobruk, though its foundations are twisted and broken by the heavy bombing. Pictures of saints still hung intact on the walls inside and all the surrounding land was covered with a slowly laid mines.



BRITISH SALVAGE PARK, on the battlefield west of El Alamein, shows in foreground one of the new British 57-mm. anti-tank guns, called a six-pounder after the weight of its shell. Half a dozen others are scattered about, several with flat tires or without wheels. The massive group

in center are American General Grant tanks, plus one low-lying improved General Sherman. In background are several British Crusader tanks, an American Honey tank, trucks, a salvage truck, an armor car and a French Hotchkiss anti-tank gun. This was all damaged in battle.



DESTROYED BRIDGE over a gully had been left intact through every previous retreat and counterretreat by both sides. Now for the first time the Germans blew it up, forcing the long British columns to detour and suggesting that German believed that this retreat was final.



ANOTHER VIEW of Tobruk facing the end of the bay at the south end of town. In spite of its bombardment, there are still a good many hiding places in its stone and plaster houses. Tobruk must rank with Sevastopol and Stalingrad for thorough and long-drawn-out destruction.



BOMBED TRUCKS AND CARS line German retreat in Egypt, as British trucks (rear) roar up in pursuit.



NAZI TANK AND GLIDER are left behind south of Tobruk. Mark-3 tank was hit in engine and burned out. Water cans are in tail rack.



GERMAN TANK BARGE aways with tide on a sand spit at Mersa Matrûh. Shore is heavily defended with blackhouses, guns and wire.



IN TENT HANGAR off the road is an almost undamaged German reconnaissance plane for photographers.



MESSERSCHMITT 109 and machine-gun belt. The 87 above the 13 is the rating of low octane gas the plane uses. There were 20 planes.



A HUGE FREIGHT GLIDER, 70 ft. across the wings, is caught at Fûka inside revetment. Here were also 60-ft. troop-carrier gliders.



ITALIAN MUNITION DUMP, close to front line at El Alamein, includes Italian and captured British shells.



SCAVENGERS are desert Bedouins who pick up rifles, trade eggs for used tea leaves, save many an R. A. F. pilot crashed deep in the desert.



MORE AMMUNITION is piled outside a repair shop on hill above Salûm. A German bombing was on at moment picture was taken.



THESE TWO GERMANS were evidently killed by plane strafing and dumped out of their truck by their hastily departing

comrades. The one on the left was a reddish-blond. The hands of both were turning green. They were the only sign of war

along roadside for a distance of ten miles. Contrast this with the more leisurely disposal of the dead on the following pages.



"UNKNOWN GERMAN" is buried in haste near El Alamein. So fierce was fighting that dead lay unburied for a week, were then only covered with dirt. Nearby are shaving brush (left) and bones.



ELABORATE GRAVEYARD at Mersa Matrûh shows the grave of Hauptmann Kurt Walter, commander of a Stuka group, who died three days after his 31st birthday, in battle of El Al-



IMPRESSIVE GRAVE in cemetery shown at top center includes four shells, chains, a propeller blade, a gravel cover-

ing and palm leaves. In this graveyard not far behind the El Alamein front there were about 3,000 German graves.

GRAVEYARDS MARK ELABORATE BURIAL IS FORGOTTEN

Two years of fighting in the desert has left its memento in graves. The German graveyard at top includes a total of about 3,000 graves. The British graveyard at right numbers perhaps a thousand. The military value of this cold record of the war is not overlooked by either side. As soon as an enemy cemetery is captured, intelligence officers comb it through, writing down the regiments, ages and dates of death of all the dead. Thus they learn the caliber of the troops they have been fighting and the effectiveness of past days of action. There is a shocking difference between the handsome graves of the quiet days and the casual graves of the bitter fighting, when the bodies can only be dusted over and simply marked. This job of burial and general salvage is given to the troops who have been cut up in the first assault and are on their way back to the rear. Part of their job is to bury their own dead.

Coming on a vacated battlefield, *New York Times* Correspondent A. C. Sedgwick wrote: "One feels that the Germans that lately were here may not be far off. Perhaps they are hiding in those dilapidated buildings with locked shutters. At the same time, one feels a little as if one were browsing about the ruins of some city that came to a violent end in the remote past, and that the Germans who were here yesterday have been dead 2,000 years."

The desert made this same unreal impression on all who saw the great cities of men spring up overnight



amein. Though Germans are buried here, Italians did most of work. Germans were always buried far away from Italians until last terrible days when everyone was buried together.



"UNKNOWN ENGLISH PILOT" is buried beside a German who died the same day in July. In background is a Wellington being scrubbed down. Pilot's three-bladed propeller has been put at the grave

THE DESERT WAR IN THE HEAT OF A BIG BATTLE

in this empty, barren waste and fade away as quickly, who got caught in the slipstream of sudden terrible violence in the midst of nowhere. Actually the entire battle of North Africa has not much whittled down the total German Army. It was chiefly important as a tactical proof that the Anglo-Saxons are capable of waging this war correctly on occasion. Highly elated, one British general officer now called the German Wehrmacht "an old steamroller that seems unstoppable until something really gets in its way." The Germans in Africa were, in fact, behaving in a new way. Several told the British that they "had reasoned things out" and surrendered, a rationalized version of saying that they had turned yellow. The Italians, of course, surrendered cheerfully in droves. The British now had 300,000 and more than 100 generals.

But it must be remembered that all armies with inadequate equipment tend to become like the Italian Army. The sagging, shamed impulse to give up comes to men who have not been treated right by the home front. The will to win or die comes as if by magic to units that are properly trained and armed and supported by their nation. And the number of graves is dictated, not so much by the enemy, as by the workers in the factories at home, by the training sergeants and by the letters from the families and friends of the fighters. Victorious armies do not leave many graves. Defeated armies fill the subsoil and the prison camps.



ENGLISH CEMETERY near Tobruk was built in early days of the war. Some Germans and Italians are buried at left.

Lettering on gray concrete 40-ft. column says: "This is hallowed ground for here lie those who died for their country."



CHURCH BELLS AT TOBRUK RING ON

Not a soldier entered the Catholic Church at Tobruk without taking off his hat, though the roof was open and six inches of water lay on the floor. On the pedestal of the Virgin Mary at right, every inch was covered with the scratched names and prayers of many soldiers, mostly Italians. Off left were the bell ropes of the three church bells, still undamaged, which every

British soldier rang at least once before he left. In a Cypriot town further west the British found an Italian priest who had stayed with his congregation through five occupations. He said, "All the colonists are gone but the priest must never leave his church. Religion is above wars. There must be many Catholics among the British in the army and I can help them too."



BRITISH VICTORS ROLL INTO LIBYA

The incredible sight above is a file of more than 100 British motor vehicles rounding the turn past Halfaya Pass and into Libya in pursuit of Rommel. This is the Eighth Army in movement—an exhibit that staggered correspondents with its size, organization and mobility. Still another column, mostly armored vehicles, was riding parallel to this atop the 1,000-ft. escarpment

in the background. The gorge of Halfaya Pass is off the right of the picture. The town of Salûm is behind camera. The water of the Gulf of El Salûm here is a bright blue, washing a beautiful white beach, but nobody stopped to bathe. In this column of largely American trucks, U. S. lend-lease made its chief contribution to the Battle of Egypt and British Eighth Army.

GEOPOLITICS

THE LURID CAREER OF A SCIENTIFIC SYSTEM WHICH A BRITON INVENTED, THE GERMANS USED AND AMERICANS NEED TO STUDY

by JOSEPH J. THORNDIKE JR.

Some months before the U. S. entered the war, the FBI picked up the trail of a German girl who had come to this country as a student. The girl, an attractive blonde, settled down in Washington, D. C. and began frequenting the campus of Georgetown University, which is not a coed institution. There she focused her attention on Father Edmund A. Walsh, Georgetown's greatest scholastic luminary. She sought frequent conferences with him to discuss her "studies"—in private. When he traveled to other cities to lecture, he would find the girl in his audience. In order to assist the FBI, Father Walsh, after taking suitable precaution and placing a secretary near-by, received the girl from time to time in a public office. If, as the FBI strongly suspected, the girl was a German agent sent to frame the good Father by creating a scandal, she never had a chance to carry out her plot. In December 1941, when the U. S. declared war on Germany, the girl was promptly picked up and taken before a special tribunal of the Department of Justice which found enough evidence to intern her for the duration.

Now Father Walsh is a kindly, peaceable man, an eminent scholar and a Jesuit priest—hardly the man to inspire a foreign government to melodramatic plots against him. But the Gestapo might explain it in a word: Geopolitics. For the past 16 years Father Walsh has studied the rise of the German school of geopolitics and blazed the way for an American school fundamentally different in its objectives. His studies enabled him to analyze and forecast with remarkable accuracy the military power of both Germany and Russia. His classes at the Georgetown School of Foreign Service are attended by Army officers and members of the diplomatic service. In the light of these facts it is not surprising that the Nazis wanted to shut him up. They may well have wanted it badly enough to send a blonde agent to compromise him.

Such goings on would seem scandalously out-of-place in most fields of scholarship. But with geopolitics they are quite in character. This applied science has had a brief but melodramatic history on the great stage of world politics. To most Americans the very word geopolitics has a sinister glamor. It comes from the German. It is tied up with the rise of the Nazi Party and the German plans for world domination. It suggests dark plots, evil intrigue and black magic.

This reputation, though deserved, is somewhat surprising. Fundamentally, geopolitics is not much more than a quick way of saying "political geography," a branch of learning which has

been pursued for centuries in academic calm without inspiring wars or revolutions. It studies the relation of geography to the development of peoples and states. Like many another science, it occasionally developed extremists. Thus some geographers tried to explain all human history by geographic factors, just as some economists tried to explain all history by economic factors. But such theories were argued in the study and so long as political geography followed its academic path, no one considered it a menace.

Around the end of the last century certain geographers in Europe began to give it a different twist. Friedrich Ratzel, a German, studied the growth of states and laid down the "laws" through which states became great by grabbing "living space"—*Lebensraum*—from weaker states. Rudolf Kjellén, a Swede who allied himself with the Germans, preached the gospel of a great pan-German state, including his own country and dominating Europe. Between them, Ratzel and Kjellén took political geography out of the study and turned it into a tool of national policy. The old-style political geographer studied earth conditions for the sake of pure knowledge. But this new kind of geographer constantly asks: "How can these conditions enable the state to achieve its ends?" It was Kjellén who gave this "applied science" a name: *Geopolitik*.

But still, as a tool of statecraft, *Geopolitik* lacked something. It was more of a philosophy than a plan of action. It was like economics before Adam Smith or natural science before Darwin. It was not yet a *system*.

The man who made it a system was lurking just offstage, however, and presently he emerged. He was not a German but an Englishman—Sir Halford J. Mackinder, a distinguished geographer, vice president of the Royal Geographical Society, professor at the University of London. Mackinder had set forth the substance of his theory in a brief paper read to the Geographical Society in 1904, entitled "The Geographical Pivot of History." Nobody paid much attention. Germany fought and lost the first World War—perhaps because she had not yet listened to Mackinder.

In 1918 Mackinder put his theories in a book called *Democratic Ideals and Reality*. He wrote it while the peace conference was going on, as a warning to his own countrymen. He explained the strength of Germany's geopolitical position. He showed how it could strike for world conquest. He begged his countrymen to see this menace and to take measures against it while Germany was still weak.

CONTINUED ON PAGE 126

THE WORLD-ISLAND AS SEEN BY MACKINDER, THE "FATHER" OF GEOPOLITICS

This map shows the World Island—the joint continent of Eurasia and Africa—as described by Mackinder. The world is viewed in three grand sections. In the center of Eurasia is the Heartland, around it is a great crescent lie the Coastlands of Europe and Asia, beyond them is another great crescent lie the offshore islands (Britain-Japan) and the outer islands—the Americas, Australia, etc. There is a Southern Heartland in Africa connected to the main Heartland by the Bridge of Arabia. The great centers of civilization and power have always

been in the Coastlands. Only now is the Heartland so long inaccessible to seafaring men being opened up by the railroad and airplane. This map is based on an orthographic projection by Richard Edes Harrison which will appear in the January issue of *Fortune*.

The small globe at bottom left shows the Great Lowland which covers the northern part of the Heartland and stretches on into the continent of Europe. The other small globes show that the Coastlands are high in population, rainfall, industry.





INDUSTRY

AMOUNT COMPARABLE TO
STATE OF CONNECTICUT

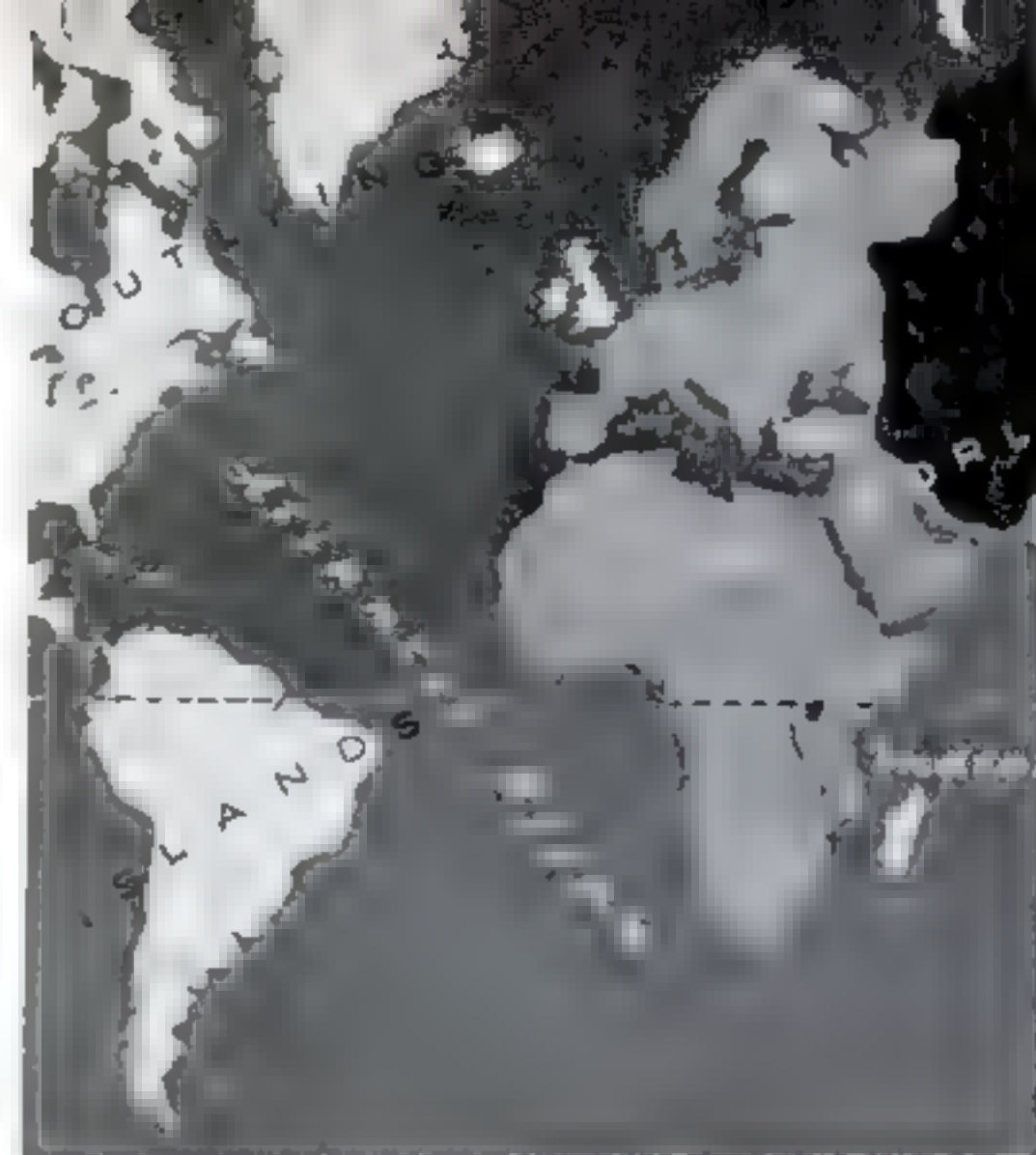
RAINFALL

AS IN EQUAL TO CHINA
AND ABOVE ANNUALLY



The British Empire, scattered over the globe, was a sound geopolitical structure during the age of seapower. Control rested on a fleet with bases at a number of strategic points around

the edges of the land masses. Mackinder saw that the growth of well-organized landpower placed these bases in grave danger. But airpower may soon overshadow both landpower and seapower.



Mackinder's world is best seen on this flat Mercator map. The World Island consists of a Heartland surrounded by a rim of Coastlands. Beyond them lie outer islands. Mackinder warned

GEOPOLITICS (continued)

Still the British ignored Mackinder. But this time the Germans paid attention. They found in Mackinder a beautifully logical statement of German strength, all set down, point by point, for them to follow. What had been written as a warning to the British became a blueprint for German victory.

Mackinder began by inviting his readers to take a realistic look at the world as a piece of geography. He noted that, of the total surface of the globe, nine-twelfths is water; three-twelfths land. Of the land area, two-thirds consists of one great continuous mass, the joint continent of Asia, Africa and Europe. This land mass Mackinder called the World-Island. Offshore lie two small island groups: the British Isles to the west, the Japanese islands to the east. Beyond the seas are the outer islands, of which the largest are North and South America and Australia. It is customary to think of the Americas as one hemisphere, but this implies an equality with the other hemisphere which does not in fact exist. The World-Island has not only twice the area of all the rest of the world, including the British and Japanese islands. It has more than fourteen-sixteenths of the population, nearly another sixteenth live on the offshore islands. Only one-sixteenth live in the outer islands.

This picture of Eurasia-Africa as one great land mass comes as no surprise to anyone who has ever looked at a map. Europe indeed is no more than a peninsula of Asia, slightly larger than the peninsula of India. Africa, facing Eurasia along a coast of 3,800 miles, is physically joined at one point (Suez) and almost joined at two others (Gibraltar and Aden). The Mediterranean, as its name indicates, is virtually an inland sea.

Mackinder and the Heartland

But the geographical unity of the World-Island has never seemed a very important fact. Men have lived chiefly around its edges. The great land mass has been a barrier rather than a means of travel or communication. In recent centuries men have sailed around it and brought its edges much closer together, but the interior remained until this century a lonesome waste. At last, according to Mackinder, the railroad and the airplane were making it a real unit.

Mackinder went on to examine the World-Island, looking first at the vast, empty interior of Asia. The characteristic of all this area, stretching from the Volga Basin of Russia to eastern Siberia, is that it has no waterways open to seafaring men. In the north this area drains into the frozen Arctic

Sea through three great rivers which rank among the ten longest in the world yet whose very names are unfamiliar to most people: the Lena, the Yenisei, the Ob. In the south it drains into salt inland seas with no connection to the ocean. To all this vast area of interior and arctic drainage, Mackinder applies his most famous term: the Heartland.

The Heartland consists chiefly of a great lowland, also stretching from far-eastern Siberia to the Volga Basin and broken only by the low Ural Mountains. It includes also the Iranian Upland in the southwest and part of the Mongolian Upland in the southeast. In terms of national states, the Heartland is overwhelmingly Russian. It embraces almost all of Siberia, Mongolia and western China, Afghanistan, Baluchistan, Iran and about half of European Russia.

Around the Heartland, in a huge arc, stretch the "Coastlands," defined as the area of drainage into navigable seas. All Europe, except part of Russia, belongs to the Coastlands. So does the Near East, India and most of China. The Coastlands, for the most part, are favored with ample rainfall and fertile soil. Many of their rivers are navigable deep into the interior. In the Eurasian Coastlands—not in the Heartland—have sprung up all the great civilizations of history. If you include their offshore islands, they embrace three-quarters of the world's population and all but one (the U. S.) of its powerful states.

In the world of the Coastlands, seapower came to be a mighty force. For more than two centuries it enabled Britain to maintain a world empire and, at the same time, to hold the balance of power among the mainland states of Europe. At the time Mackinder wrote, seapower was at its zenith. Admiral Alfred Thayer Mahan had resoundingly proved in *The Influence of Sea Power upon History 1660-1783* what the Royal Navy had assumed all along—that seapower was the controlling force in war.

Mackinder did not deny the use of seapower. He simply pointed to one of Mahan's tenets—the importance of the home base for seapower. And he put the question: "What if the Great Continent, the whole World-Island or a large part of it, were at some future time to become a single and united base of seapower? Would not the other insular bases be outbuilt as regards ships and outmanned as regards seamen?" That—the unification of the Heartland—was precisely what Mackinder feared. He went on to tell why.

Along its eastern border, the Heartland is separated from the Asiatic Coastlands by the massive barrier of the Tibetan mountains. But in the west there is no such barrier to separate it from Europe.

The great lowland which covers the northern part of the Heartland sweeps on unbroken to become the plain of North Germany. Across this lowland, in centuries past, rode the invading horsemen from the steppes of Central Asia, bent on conquering Europe. These raiders left their marks and many of them stayed in Europe (the Turks, the Magyars, the Finns), but they failed to make their conquests stick. These nomadic men of Asia lacked two things which the Heartland has always lacked: manpower and an organized base of operations.

But the avenue westward, Mackinder warned, could be an avenue eastward as well. If any single power controlled all of East Europe, it would have the Heartland at its mercy. This is precisely the position to which Germany has always aspired. By war and by more or less peaceful penetration, the Germans have striven to dominate the Slavs. Should they ever succeed, they would be in a position to strike for world conquest.

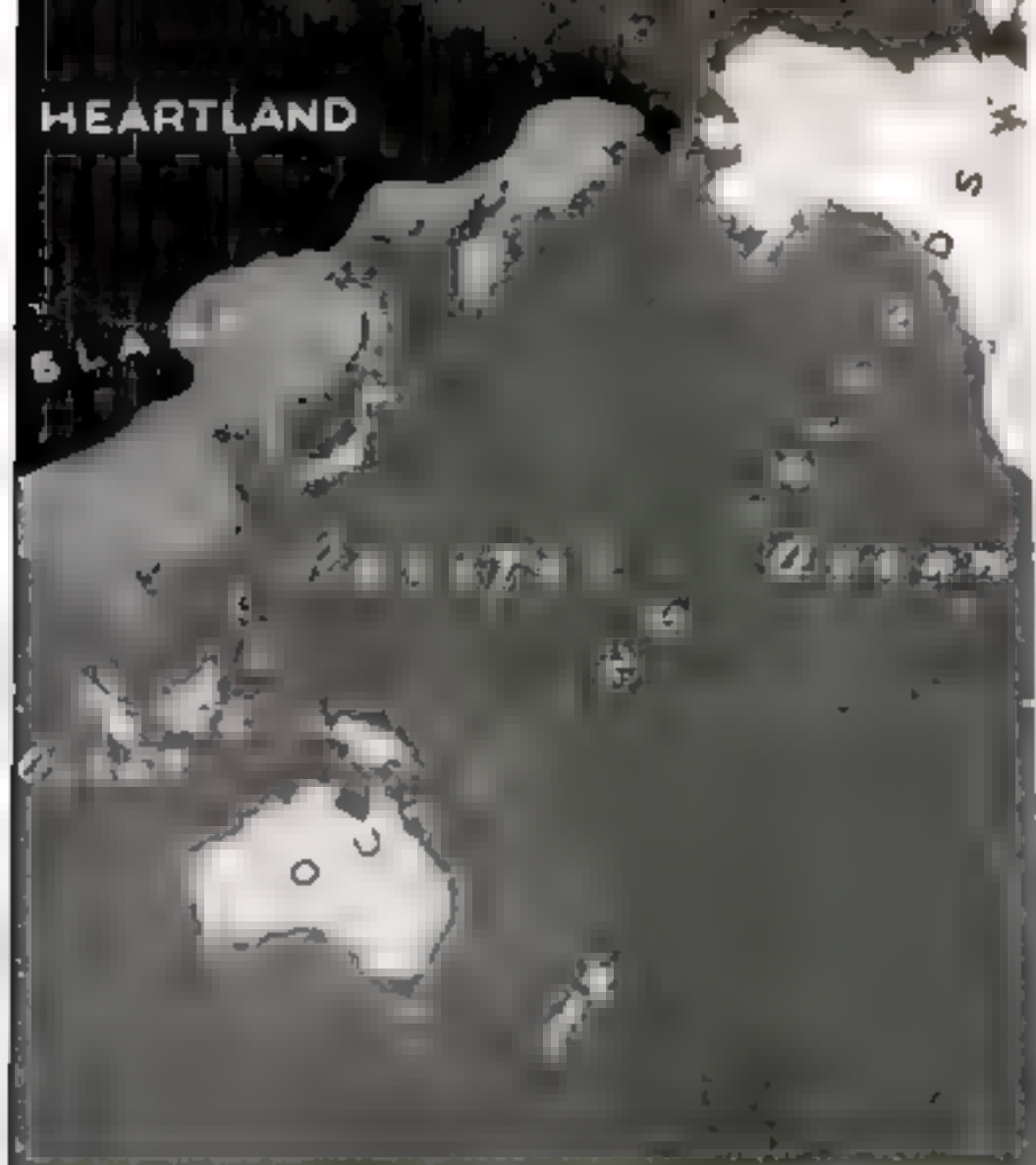
Mackinder formulated a three-point proposition. *Who rules East Europe commands the Heartland; Who rules the Heartland commands the World-Island; Who rules the World-Island commands the World.*

It is at this point that some later geopoliticians part company with Mackinder. For though most of them agree with the first proposition and many of them agree with the third, they doubt the second. The Heartland is for the most part barren and undeveloped. Until the Soviets began building up industry east of the Volga, it was never the seat of any considerable power. Hence it is difficult to see how it can yet control the World-Island. Professor Nicholas J. Spykman of Yale, one of the foremost U. S. geopoliticians, revises the Mackinder proposition to read: "Who rules the Rimland [Coastland] commands the World-Island." For the present, at least, this is closer to the truth.

But though Mackinder attached a mystical importance to the Heartland which it does not yet possess, his fear of a single power in East Europe was well founded. For that power would be in a position to strike for the European Coastlands as well as the Heartland. In the terrible year 1939 this dread possibility seemed to have come true when Russia signed a nonaggression pact with Germany. Luckily for the world, that unity was not real. But that is another story, revolving around the person of Mackinder's famous German disciple, Karl Haushofer.

The mystery of Haushofer

Major General Professor Doktor Karl Haushofer began to be a power in Germany shortly after the last war. But the world at large did not get



that if any great power should gain control of the Heartland it could conquer the Coastlands. Then, by outbuilding the outer lands in seapower, it could gain control of the whole world

wind of the mysterious doctor until the late 1930's when he was suddenly "discovered" as Hitler's evil genius. One of the few foreigners who found out about him earlier was Mr. Eric Archdeacon, a British banker who represented an American corporation in Europe, with headquarters in Berlin. In his contacts with German business leaders during the 1920's, Mr. Archdeacon kept running into an extraordinary interest in the University of Munich, evidenced by handsome contributions to that institution of learning. Mr. Archdeacon's inquiries were politely brushed aside. His curiosity aroused, he went to Munich, traced down the payments from German industry and discovered that they went to the *Institut für Geopolitik*, run by Haushofer.

Proceeding from that clue, Mr. Archdeacon probed as deeply as he could into the mystery of Haushofer. He found a remarkable network of relationships among German industry, government departments, the Army, the universities and the "hoodlum" Nazi Party. Haushofer and his Institute formed the ideological center of this network. Sensing something important in this setup, Mr. Archdeacon followed geopolitics closely until, at the outbreak of this war, he quit Europe, became an American citizen and put his knowledge at the disposal of U. S. geopoliticians.

Karl Haushofer was born into an old Bavarian family in 1869, the year before Bismarck launched his lightning war on France. Growing up in the full flood of German nationalism, he went naturally into the Army and presently found himself a military observer in Japan. It was in the Far East that he began his intensive study of the relationship between geography and war. Called to combat duty in 1914 by the outbreak of war, he commanded a division on the Western Front. In 1918, as he marched his beaten soldiers back to their homeland, he brooded deeply on the causes of defeat. Back in Munich, where the caldron of political ferment bubbled hotter than anywhere else in Germany, the scholar-general accepted a chair of political geography at the University of Munich and began stating his arresting theories in lectures.

One of Haushofer's students was Rudolf Hess. After the failure of the Munich beerhall putsch, Hess introduced his teacher to Hitler in Landsberg Fortress, where the imprisoned Führer was busy dictating *Mein Kampf*. Haushofer gave Hitler the solid base he needed for his cloudy ideas. Chapter XIV of *Mein Kampf* is thought by some students to be almost pure Haushofer.

Because his ideas have had such explosive military effect, Haushofer is often referred to as the



Geopolitical zones with common interests and problems are shown here. They cut across national boundaries and even continents, as in the zone which includes the bulge of South Amer-

ica and the bulge of Africa. Many of the zones overlap, such as the Caribbean zone and North America. Japan does not fit into any zone, indicating a fundamental weakness in its position.

father of geopolitics. But he did not invent the science, as Ratzel and Kjellén may claim to have done, nor did he propound any great geopolitical system, as Mackinder did. Haushofer saw his role as a kind of scientific Machiavelli. In other times, when the state was thought to be synonymous with its royal sovereign (as Louis XIV later said, *L'État, c'est moi*), Machiavelli drew up a set of rules for a sovereign to follow in order to keep his realm. Similarly, for the Volk-state of the Fascists, Haushofer attempted to distill the geopolitical rules for success.

From Ratzel and Kjellén, Haushofer took his concept of the "organic state." The state, he thought, is a living organism—like an animal. It must grow and develop, else it dies. If the state lacks certain vital "organs" (such as large space or secure frontiers), it is justified in grabbing them from weaker states. This whole theory of the "organic state" is a false analogy from nature for, as critics have pointed out, a man lacking an eye does not wait at a street corner and gouge one out of the first passerby. But it was precisely this concept which established Haushofer in Hitler's esteem, for it gave a cloak of science to the Nazi schemes for expansion.

If Haushofer had done all his thinking on this plane, he would rank as a mere Nazi propagandist. Actually, he worked out his geopolitical doctrines on a basis of cold scientific fact. Accepting Mackinder's broad concepts, he fleshed them out with an enormous amount of geopolitical research on every region of the globe. During the late 1920's and the 1930's his Munich institute sent out many field expeditions which caused considerable puzzlement to natives of the regions under study. When anyone asked, these field groups might explain that they were studying bird life or tree barks, which was very likely true, but they were also studying geography, climate, people, politics, industry and all the other elements of geopolitical power. At Munich this data was worked over by a staff estimated at 1,000 experts and much of it found its way into the Institute's journal, *Zeitschrift für Geopolitik*.

In its sudden burst of energy, geopolitics spawned half a dozen satellite sciences: geo-jurisprudence (law), geomedicine, geo-psychology and other *geowissenschaften* (geosciences). Geo-psychology, as one example, explored such matters as the influence of landscape on military morale. Haushofer laid the failure of the Allied expedition against Bolshevik Russia in 1919 in large part to the depressing effect of the desolate tundra around Archangel on French and British soldiers. When General Rommel trained his Afrika Korps inside a giant

hothouse in Germany, it was not wholly to condition their bodies to desert conditions. It was also to condition their minds to the strange landscape.

As a former officer, Haushofer worked closely with what was left of the German Army after the war. Under the Treaty of Versailles, the German General Staff had been officially dissolved and, up to the time the Nazis took power, it had to pursue its work under cover. It seems probable that Haushofer's institute carried on a mass of geopolitical detail work which would normally have been done by a research section of the General Staff. In later years it was even possible to predict the road of Nazi conquest by reading the *Zeitschrift*. Shortly before Czechoslovakia was annexed, the *Zeitschrift* ominously devoted almost an entire issue to that country.

"One of der Führer's hobbies"

Throughout this period, Haushofer and his colleagues published a flood of books and articles, all written in a formidable jargon of caterpillar words and maze-like sentences. In 1934 Haushofer was made president of the German Academy. His school was housed in a magnificent edifice at Munich. Yet when foreigners began to ask questions, the Germans were able to shrug him off as a harmless screwball—"one of der Führer's little hobbies." Der Führer certainly seemed fond of the old fellow, for he made his Jewish wife and his two sons "honorary Aryans."

One important trick in keeping Haushofer and his followers under wraps was to avoid publishing any of their writings in other languages. A slip occurred in 1934 when a British publisher put out a translation of a work called *Raum und Volk im Weltkrieg* (Space and People in the World War) by Professor Ewald Banse, a geopolitician at Brunswick Technical College. Published in Britain under the title *Germany Prepares for War*, this book not only set forth the Nazi aims but became uncomfortably specific. After sketching a plan for the invasion of the British Isles it added: "We confess that it gives us pleasure to meditate on the destruction that must sooner or later overtake this proud and seemingly invincible nation." The Germans had quite a time explaining this away but did the best they could with the "just another screwball" line. Professor Banse was quietly promoted to be chief of the technical section of the General Staff.

To the masters of the German state, Haushofer preached a doctrine of expansion. Its cornerstone is this precept: "Space is power." Now this idea

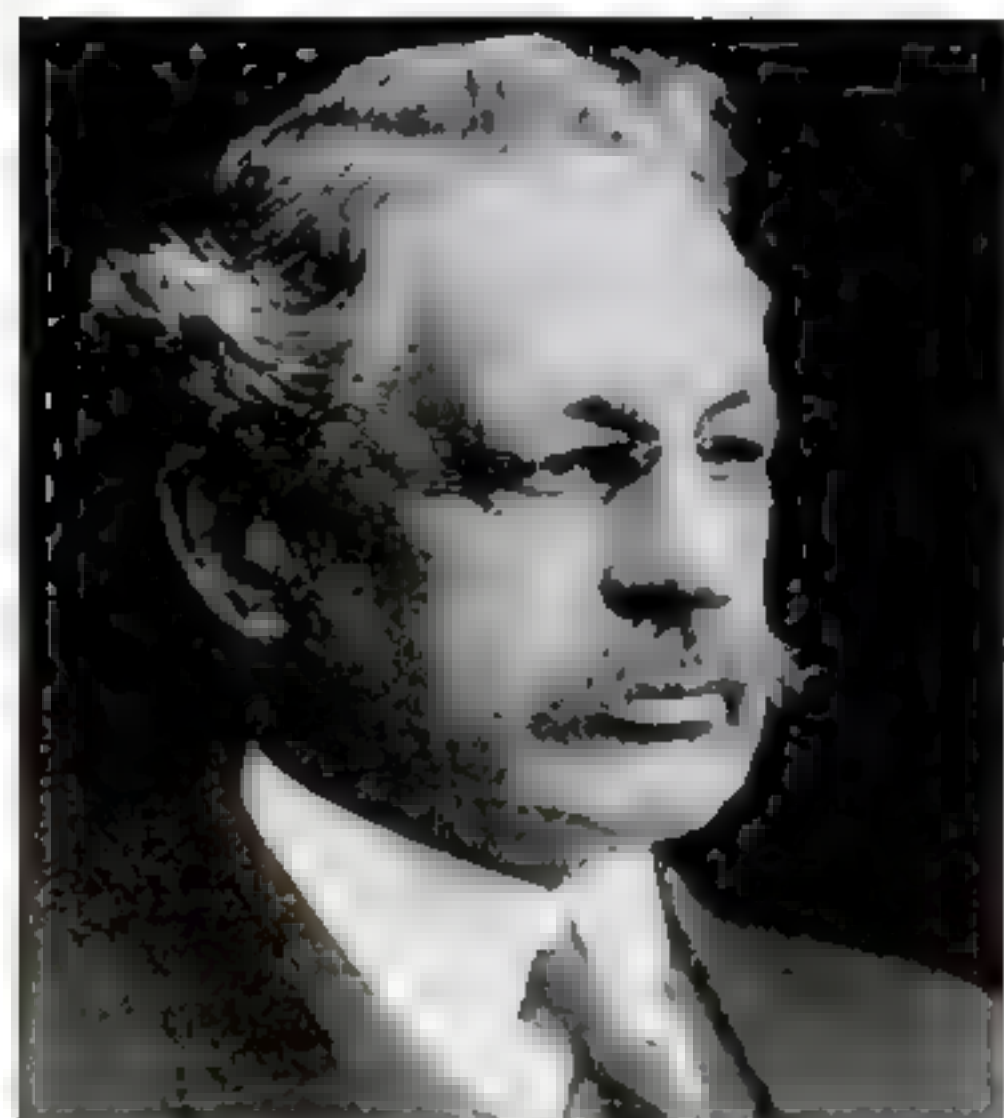
may not sound very revolutionary since every ambitious state in history has tried to grab space from its neighbors. But the British Empire, which has been the world's first power for 150 years, was built on quite a different principle. British power rested on control of the seas and of strategic points where sea routes passed under the shadow of land: the English Channel, Gibraltar, Suez, the Cape of Good Hope, Singapore. With a Navy based on these points, Britain was able to play a decisive role on the Continent. In the age of seapower, land space was not the controlling factor in world politics.

He foretold the fall of Singapore

Haushofer saw what the British did not: that the bases of seapower were no longer secure. A state in control of the continental mass behind these bases could capture them by overland attack. During the early 1930's, in conversation with a British officer, he accurately foretold the fall of Singapore. He said that it would not be taken from the sea but from the land and remarked, as many were later to remark, that Singapore's guns were pointing the wrong way. The fact that Gibraltar and Suez are still in British hands is no refutation of Haushofer's logic. It is generally agreed that the Germans could have taken Gibraltar at any time after the fall of France if they had felt it worth the cost. Suez has been held only by placing a large land army in Egypt to defend it.

In retrospect it is possible to discern a remarkable fact. So long as the German state followed Haushofer's teaching it made progress toward its objectives. When it departed from that teaching, by going to war with the western powers before it had secured control of Russia, it started down the road to defeat.

The theory of the Heartland is crucial to Haushofer's doctrine, as it is to Mackinder's. In laying down a strategy of conquest, Haushofer told the masters of the German state: "First get control of the Heartland." Once that was achieved, he taught, Germany could overrun western Europe and the whole World-Island. How Germany should get control of the Heartland—whether by peaceful penetration or by war—Haushofer did not specify. But he left no doubt that Germany should secure complete control of the Heartland before taking on the western powers. He had learned well the lesson of the first World War: don't fight on two fronts. And he added: get the Heartland first.



Sir Halford Mackinder set forth geopolitical doctrine which Germans followed. Britain's most distinguished geographer, long a member of Parliament, shown here in 1923, is now 81.

Undoubtedly Haushofer hoped that control of the Heartland could be secured without resort to military means. He looked forward to some sort of collaboration between Germany and Russia, under German leadership. Such a combine, he reasoned, could then turn with every chance of success on the real enemy: Britain, America and their satellites.

In putting forth this theory, Haushofer met strong opposition. For it ran directly counter to the teachings of the Nazi "philosopher," Dr. Alfred Rosenberg. Rosenberg preached a Nordic alliance with Britain and a holy war against Communism. The two men were completely antipathetic. Rosenberg's god was Race, Haushofer's was Space. Rosenberg ranted about the German race and its divine mission to conquer "inferior" races. Haushofer, like geopoliticians generally, disdained race and pointed with pride to the mixed origins of the Germans.

Hitler was torn between his two preceptors, listening now to one, now to the other. In *Mein Kampf*, despite the Haushofer influence, he leaned strongly to the Rosenberg plan for an alliance with Britain and war on Russia.

On the eve of war Haushofer seemed to win out. Before launching his blitz in the west Hitler signed a nonaggression pact with Russia, hoping that this would give him control of the Heartland. Though this looked like the Haushofer policy in action, it was actually a break with it. For Haushofer, who knew Russia's strength, had always expected that it would take years or decades to win real control of the Heartland. The impatient dictator, thinking he had accomplished it in one stroke, turned to fight the western powers.

Haushofer's empty triumph lasted only a year. When Russia failed to roll over as intended, Hitler switched back to the Rosenberg view and launched the war on Russia, expecting quick victory. Thus he completed his break with the teachings of his geopoliticians and, in all probability, sealed his own doom. Seeking to conquer the Heartland by force of arms, Germany has exhausted itself for the struggle with Britain and America.

That ended the influence of the man who told Germany how to conquer the world. To Haushofer's personal story there is one thing to add. It is a rumor—but a rumor confirmed in high places. The rumor says that Haushofer is dead. It says that he was shot by a firing squad soon after the outbreak of war with Russia. Thus the Nazi state repaid its soundest teacher.

Geopoliticians neglect America

In all the theories and researches of the geopoliticians there is one striking blank spot. That is the U.S.A. Mackinder dismissed the whole Western Hemisphere as an outer island. In the voluminous studies of the Haushofer institute there is less about North America than about any other section of the globe. What little appears in the *Zeitschrift* is mostly the work of one Colin Ross, a writer of strong Nazi race ideas and shallow mind. He devotes himself to such studies as the strength of German racial stock in the Middle West and plans for a Nazi empire in the New World.

Yet Haushofer himself let fall occasional remarks which stand out in sharp contrast to this inattention. He once wrote: "The future struggle for world power and the fate of National Socialism will be decided in America." Still again he notes that the U. S. is the only geopolitically mature power in the world.

This neglect of the U. S. in geopolitical literature, combined with occasional remarks of respect and even envy, may be significant. It suggests that the Germans leave America out of their theories simply because it does not fit into them.

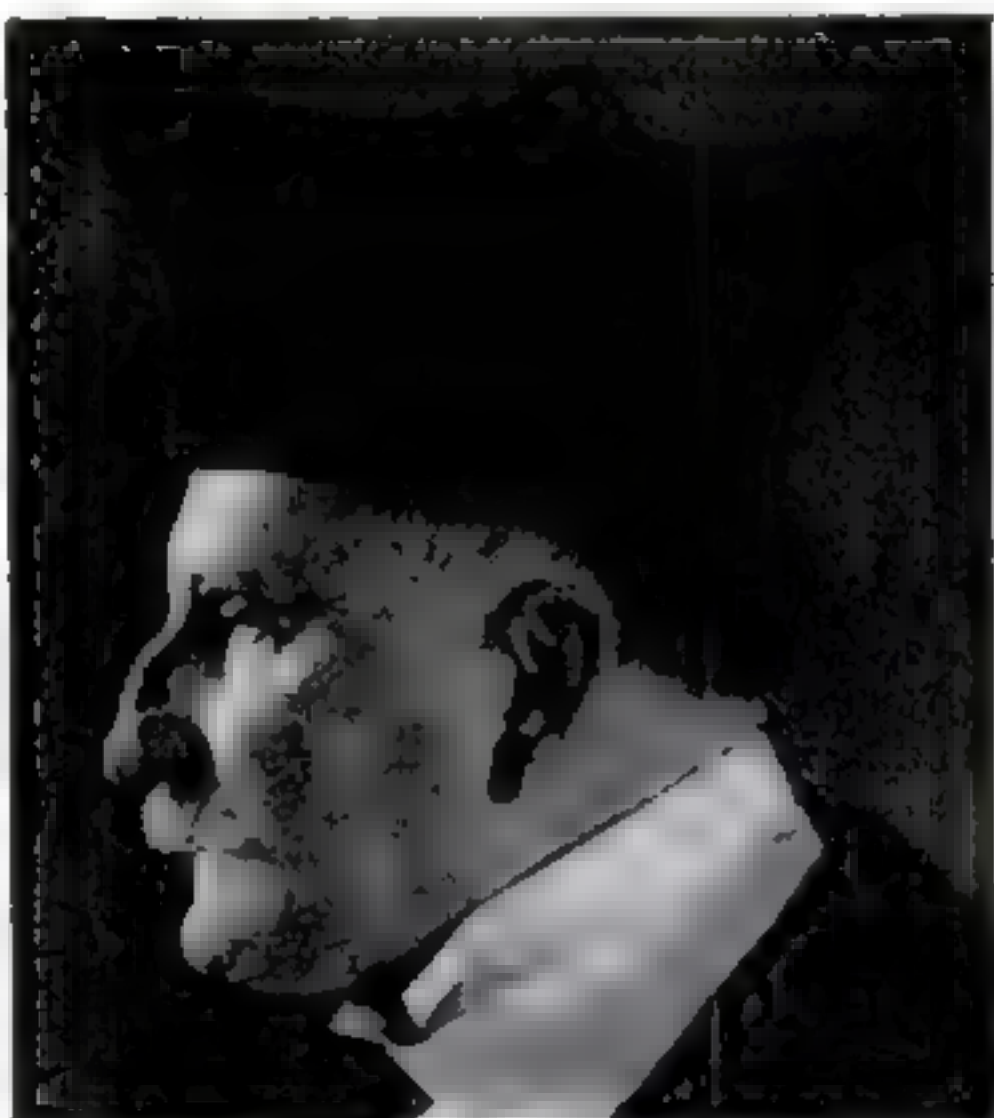
As Haushofer says, the U. S. is geopolitically "mature." It has, in magnificent degree, the geopolitical essentials of power — space, resources, manpower, organization. No other country is so well endowed. But beyond this, it has a uniquely favorable frontier situation. There is no other national power center on any of its borders nor indeed within thousands of miles of its border. Alone among the great powers of the globe, it is without a rival in its part of the world. Thus the U. S. already enjoys a position such as other powers have fought for centuries to attain—and always failed.

For this fortunate situation, Americans can claim no particular credit. It is due, in large part, to an accident of history. Yet not entirely so, for while destiny may have provided the opportunity to build this great state, the builders of America made the most of that opportunity. Into the making of America there went a very great measure of what might, today, be called sound geopolitics.

As Father Walsh points out, perhaps the greatest geopolitical genius of early America was Alexander Hamilton, whose stature as a nation-builder yields nothing to Pitt or Bismarck or Cavour. During the period of the Confederation, Hamilton urged Congress to take steps to assure free navigation of the Mississippi, whose mouth at New Orleans was in French hands. A few years later he urged that Louisiana and Florida be obtained for the Union. In those days the concept of one nation stretching from coast to coast of the North American continent was by no means generally accepted. Hamilton urged the wisdom of creating "one great American system superior to the control of all trans-Atlantic force or influence."

If Hamilton was the great nation-builder, his political rivals shared his vision. Jefferson's purchase of Louisiana really brought the continental nation into being. The Monroe Doctrine staking out the whole Western Hemisphere as independent of European influence, is perhaps the greatest geopolitical work of modern times. Haushofer's Germans refer to it repeatedly with an almost embarrassing admiration.

Down through the years, American statesmen have by and large retained this geopolitical gift. By purchasing Alaska from Russia in 1867, William H. Seward, Lincoln's Secretary of State, made such a master stroke that even that vaulting imperialist could hardly have guessed its full brilliance. For it was not until the age of airpower that Alaska could be spotted as the bridge between the continents. The people of Seward's time may perhaps be forgiven therefore for their cracks about "Seward's



Dr. Karl Haushofer, leader of the German school of geopolitics, wears the cap of a Munich professor. He taught Hitler and the German General Staff but Hitler finally rejected his advice.



An air view, centered on the North Pole, shows a very different picture of the world from that of the European geopoliticians. The land masses of the globe center around the polar ice cap, making the Arctic Ocean a Mediterranean Sea. Instead

Icebox" and the public furor which prevented Seward from taking the next step in his geopolitical policy—the acquisition of Greenland.

In this century Theodore Roosevelt showed geopolitical insight by digging the Panama Canal. Even today the importance of the canal is not always fully appreciated. It rests on a true geopolitical picture of the U. S. as an Atlantic-facing country. On a flat map the U. S. seems to stretch, in solid sameness, from coast to coast. But its power center is the rich, populous industrial triangle of the Northeast. Along the Pacific Coast is another power center, much smaller despite its present fabulous rate of growth. Between these two centers lies a broad belt of sparse population, sparse rainfall, a good deal of near-desert and high mountains. Railroads and airlines have given the U. S. a remarkable unity despite these geographic obstacles. But the chief power center of the U. S. still lies in the east. Most of the good ports are on the eastern seacoast and the Gulf of Mexico. Most sea transport, the great cheap mover of goods in war or peace, originates in the east.

The Panama Canal brings the eastern U. S. close to the Pacific and enables the U. S. to operate as a Pacific power. Its construction was a greater blow

of being separated across thousands of water miles, the Western World is closely connected with the World-Island by the "bridges" of Alaska and Greenland. Just as the Mercator map distorts the polar regions, this projection distorts the land

to Japanese ambitions in the Pacific than many great battles.

As the geopoliticians are so fond of pointing out, the ideal size of the national unit has steadily increased. Just as the nation-states of Europe put the little city-states out of business, so they in turn are dwarfed by the rise of states on a continental scale. When the U. S. was first staked out as a single nation, it was probably over the ideal size for a state of that time. But the rapid growth of science and industry quickly knit it into an effective unit of ideal size.

How airpower changes the picture

Thus we see that the European geopoliticians, by and large, left America out of their calculations. But they made another error which is equally surprising. They underrated airpower.

This is not a latter-day criticism. The error was pointed out within a few minutes of the "birth" of the Mackinder system. After Sir Halford finished delivering his epochal lecture to the Royal Geographic Society in 1904, a young man named Leopold Amery, who in 1942 is Britain's Secretary of State for India, arose from the audience and

around the edges but accurately shows the land in the center. New air routes of the north shown above make this map vitally important for the future. The air age calls for a whole new system of geopolitics which has yet to be formulated by experts.

said: "Both the sea and the railway are going in the future... to be supplemented by the air as a means of locomotion, and when we come to that... a great deal of this geographical distribution must lose its importance and the successful powers will be those who have the greatest industrial basis."

Considering that the Wright brothers had only flown a year before, this must be put down as a remarkable piece of prophecy.

Airpower is still too young for any definitive appraisal. Despite the spectacular development of the last 40 years, it is still going on at a headlong rate. It will be some time yet before any man can write a definitive statement for airpower as Mahan did for seapower or Clausewitz for landpower.

But it is not too early to suggest that the advent of airpower must greatly modify the tenets of the Mackinder-Haushofer teaching. Take, for instance, the concept of the World-Island. If you look at a Mercator map, with the world laid out flat, the World-Island does indeed appear to stand out as a unit, separated by broad seas from the other great land mass of the Western Hemisphere. But if you look at a global projection like that above, you

Calvert shows how...
with holidays near...
To triple your wisdom,
and triple good cheer!



1 "Give wisely, my friend," says the Owl,
"You *know* Dad has quite enough ties;
But you'll tickle him pink with this glorious drink—
Give him CALVERT, the grand whiskey prize!"



2 "Serve wisely, if friends should drop in
To join in a holiday toast;
Serve CALVERT, whose flavor wins connoisseurs' favor—
You'll be hailed as a *prince* of a host!"



3. "Drink wisely!" concludes the Old Owl,
"Drink CALVERT—that's friendly advice!
It's smoother, old fellow—deliciously mellow!
And a word to the wise should suffice!"

GIVE WISELY, SERVE WISELY, DRINK WISELY



Clear Heads Choose
Calvert
THE ART OF THE WISDOM BLEND







ARMY'S TYPE D EMERGENCY RATION IS A CHOCOLATE BAR

There is more quick energy packed into the familiar chocolate bar than is contained in many recommended energy foods. It supplies the greatest amount of nourishment in the smallest possible bulk.

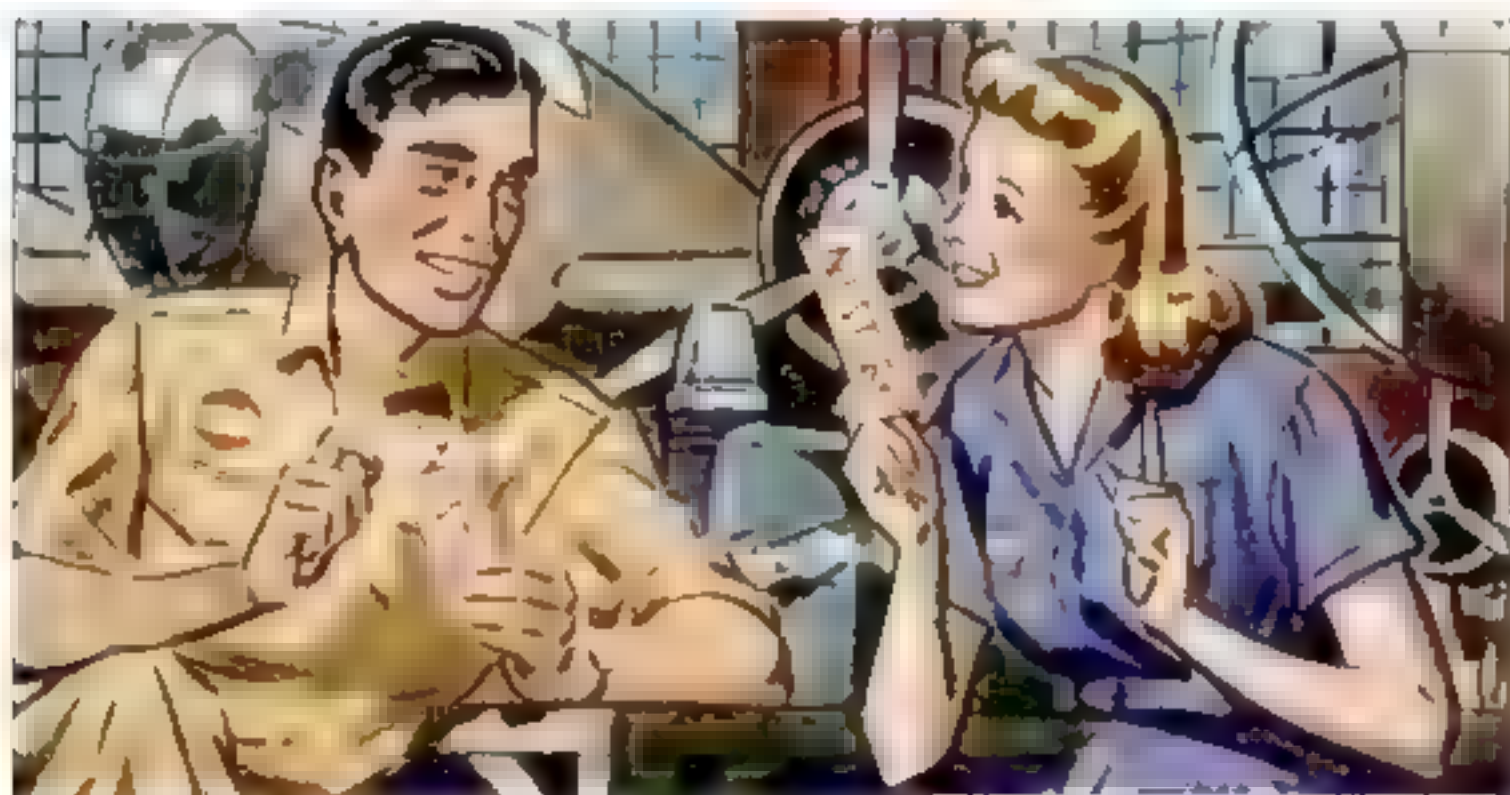
This makes chocolate an ideal food for today's fighting men who must travel long distances quickly, unencumbered by excess weight. So the U. S. Army has adopted the Chocolate Bar for its Type D Emergency Ration.

COMPARATIVE ENERGY VALUES

	1 5¢ Bar Nestle's Milk Chocolate	Calories 217
	1 Medium Lamb Chop (Broiled)	178
	1 Glass Milk (8 oz.)	169
	2 Eggs	140
	2 Slices Bread	200

One 5¢ bar of Nestle's Milk Chocolate gives you approximately one-tenth the minimum daily requirement for an adult in calcium, phosphorus and iron.

ON THE BATTLE FRONT the Type D Emergency Ration Bar—a chocolate bar—is sometimes the *only* food the boys carry with them. In emergencies American soldiers on every fighting front "recharge their batteries" by munching a tasty bar of this familiar energy food.



AND ON THE PRODUCTION FRONT, where the strain of long, exacting hours requires a constant refueling of human energy, Nestle's Chocolate Bars play an important role. Include a bar or two in the lunch box.

YOUNG FOLKS TOO, like the delicious flavor of Nestle's Chocolate Bars. A bar of chocolate or a dessert made with Nestle's Semi-Sweet helps restore the energy that youngsters spend so freely.



The famous Toll House Cookies can be made only with Nestle's Semi-Sweet Chocolate.

Nestle's Milk Chocolate with or without Almonds and Nestle's Crunch.

A blend of choice cacao and pure whole milk—already sweetened. Made in a jiffy.

NESTLE'S THE WORLD'S GREATEST NAME
IN CHOCOLATE



YOU'LL HAVE
Better Times With
**EARLY
TIMES**

IT'S NATURALLY MILD



86 PROOF

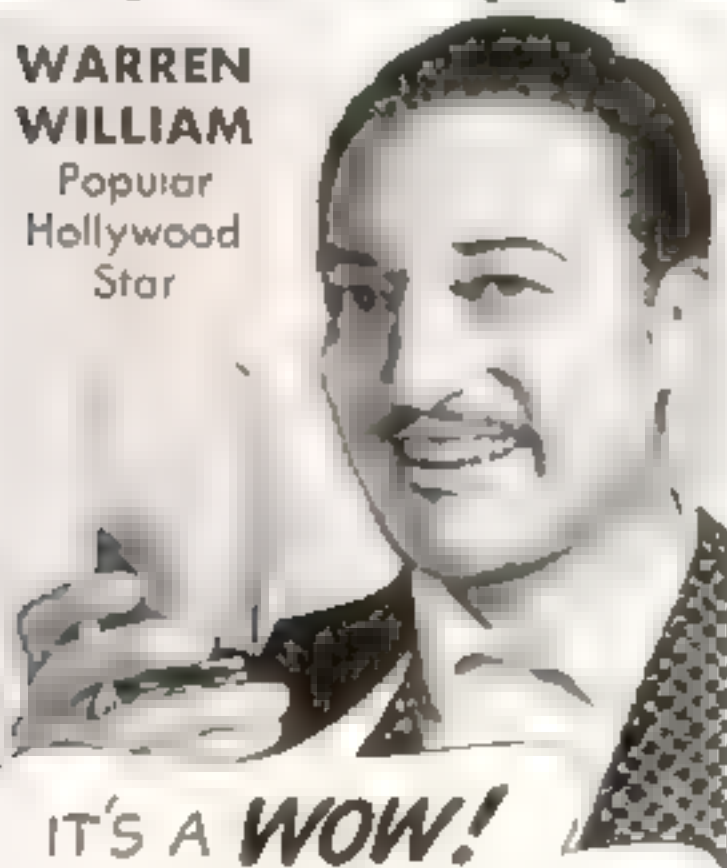
KENTUCKY
STRAIGHT

**BOURBON
WHISKY**

EARLY TIMES DISTILLERY CO., FRANKFORT, KY.
A Division of
BROWN-FORMAN DISTILLERS CORP., LOUISVILLE, KY.

Starring in Columbia's "One Dangerous Night"

**WARREN
WILLIAM**
Popular
Hollywood
Star



IT'S A **WOW!**
THIS TOMATO JUICE
COCKTAIL STARTS
A MEAL OFF **RIGHT!**

Try a **WOW**—made
with **FRENCH'S
WORCESTERSHIRE SAUCE**

Wow your friends with this delicious new tomato juice drink. Just add to each glassful of plain tomato juice a few grains of salt and pepper, a sp. of French's Worcestershire Sauce. Mix and serve cold. Be sure to use French's for this famous sauce gives a new, tangy, tasty flavor that can't be duplicated. Try it and see!



*French's
Worcestershire
Sauce*

Top-Notch Quality
at half the price

GEOPOLITICS (continued)

zens tend to reject the whole thing as a black art. This is foolish. To condemn geopolitics because of the sins of the German geopoliticians is as irrational as to condemn carving knives because they have, upon occasion, been used to stab people. Anthropology is not damned because the Nazis used it to support their hateful race ideas nor economics because they used it to subjugate other countries. Geopolitical knowledge and analysis may be used for an evil purpose, as the Germans used it, but it can also be used to establish and defend a moral order in the world. In fact, as long as there are nations which use geopolitics to achieve their ends of conquest and exploitation, democratic nations must, in self defense, make themselves masters of geopolitical thinking.

The molders of this nation were guided by a keen sense of geopolitics, even though they did not know the word. They performed their task so well that the U. S. occupies a geopolitical position which is the secret envy of every chancellery in the world. Perhaps because of this very fortune, Americans have been able in recent history to neglect the study of geopolitical realities and even at times to assume they did not exist. This war is both a reminder of these realities and a challenge to build upon them a wise and effective foreign policy.

A real American school of geopolitics has yet to be born. But it is clearly on the way. This year some 1,500 courses in geopolitics are being given in U. S. colleges. On campuses all over the country musty old geographers are blossoming out as shiny new geopoliticians. Though many are frauds, there are also some first-rate minds involved. Among the distinguished American geographers who are blazing the way for a true American school of geopolitics are President Isaiah Bowman of Johns Hopkins University, Father Walsh of Georgetown, Nicholas Spykman of Yale, Derwent Whittlesey of Harvard, Edward Mead Earle and Harold Sprout of Princeton. The Army boasts able geopolitical authorities in Colonel William S. Culbertson of the General Staff and Colonel Herman Beukema of West Point.

Foreign policy for the U. S.

Of this group, Professor Spykman has probably gone farthest in attempting a real geopolitical analysis of the U. S. position in his book *America's Strategy in World Politics*. Spykman accepts, with certain modifications, the Mackinder system and warns that the conquest of the World-Island or any large section of it by a single power would mean disaster to the U. S. Since Monroe's time, he points out, the security of this hemisphere has rested on the fact that Europe has always been divided among several states. American policy, he advises, should be to keep either Europe or Asia from falling under the dominion of any one power, no matter how friendly that power might be today.

This policy parallels, on a grander scale, the historic policy of Britain toward the continent of Europe. It is cold-blooded power politics. It assumes that wars are inevitable and seeks to assure that the U. S. will hold the balance of power. To critics who condemn this policy as cold and brutal, Spykman replies: "Nations which renounce the power struggle and deliberately choose impotence will cease to influence international relations either for evil or for good."

Balance of power is indeed the time-honored (or dishonored) policy of the European states. But it is not the only policy which has been historically successful. Rome was not a balance of power. It was a *preponderant* power. There are many observers who think the U. S. and the British Empire, acting together, can hold preponderant power in the post-war world. At the time of the peace conference this may well be the case. But true disciples of Mackinder will wonder whether, over the years, the Heartland powers—Russia and China—will not rival Anglo-America.

There is a third alternative: world federation. This is the ideal of assorted dreamers, nice old ladies and Communists but also of many hard-headed, realistic statesmen. If the U. S. and Britain were to throw their great weight behind such a federation they could almost certainly get it started. To make it work, all the nations (the U. S. included) would have to give up some portion of their sovereign power in international affairs. Even then the federation's success would depend not only on goodwill but on high statesmanship and often real sacrifice by each of the member nations. But if it worked it would be the greatest achievement of statecraft in all history.

Whatever policy the American people elect, it must arise from a sure understanding of geopolitics. For no policy will result in a stable world and a lasting peace unless it is based on the geopolitical facts of this earth. That is why, like it or not, we are forced to study geopolitics and to act upon what we learn.

Give
LONG'S
HATS
the Smart way...



with a **LONG'S**
Gift Certificate

The choice of discriminating men . . . presented in a manner that enables "HIM" to select the Aristocrat of fur felt . . . luxuriously detailed in the smart style and rich color blend he desires.



Longworth \$4.40
Long Royal \$6.00



Featured at all ADAM HAT STORES
and other fine Shops Everywhere



SUNLIGHT SIFTS BRIEFLY THROUGH THE PLATFORM OF THIRD
AVENUE "EL" INTO THE DARK TUNNEL OF NEW YORK'S BOWERY

Life Visits the Bowery

Street of forgotten men to be cleared of its bums in Mayor's drive to reclaim derelicts for wartime labor

Three hundred years ago New York's Bowery was lined with poplar trees and farms which gave it its name: "Bouwerie (farm) Lane." Later, fashionable town houses and clattering horsecars replaced this pastoral scene, and by the time the 1880's rolled around it was "the liveliest mile on the face of the earth," a wicked neighborhood where gamblers and gangsters held forth. Shortly afterward a great cleanup took place, leaving no vice but a colony of harmless bums who today litter the gutters

and the doorways of cheap (25¢ a night) flophouses under the Third Avenue "El."

Now another cleanup is under way, instigated by New York's Mayor LaGuardia, who is trying to reclaim the flotsam for useful wartime labor. One of these derelicts who spends his nights at the Rescue Society mission and his days wandering about the streets, is "Itchy" James Lloyd, 59, who was born on a farm and wants to get back as a laborer. He does not drink and works whenever he can find something to do.



"ITCHY" IDLES BEFORE POSTER OF CHINESE NEWS BULLETINS



HE LOOKS UNINTERESTED AT CANDY OBJECTS IN A GIFT BAZAAR



POPEYE'S CLOWNING DOES NOT MAKE HIM LAUGH



THERE IS NOTHING ELSE TO DO BUT WALK STREETS ALONE



FINDING CIGARET BUTTS GIVES HIM MOMENTARY PLEASURE



"ITCHY" RESTS BELOW STATUE OF ST. PATRICK

CONTINUED ON NEXT PAGE

Copyright 1941



GET THE MOST FOR YOUR MONEY!
Buy smooth, easy-to-apply Palmolive Brushless in the new glass Victory Jar! 5 oz. for 45¢ at all drug counters. Save money—save tin—save the nuisance of having to return an empty tube—and end **RAZOR BURN!**

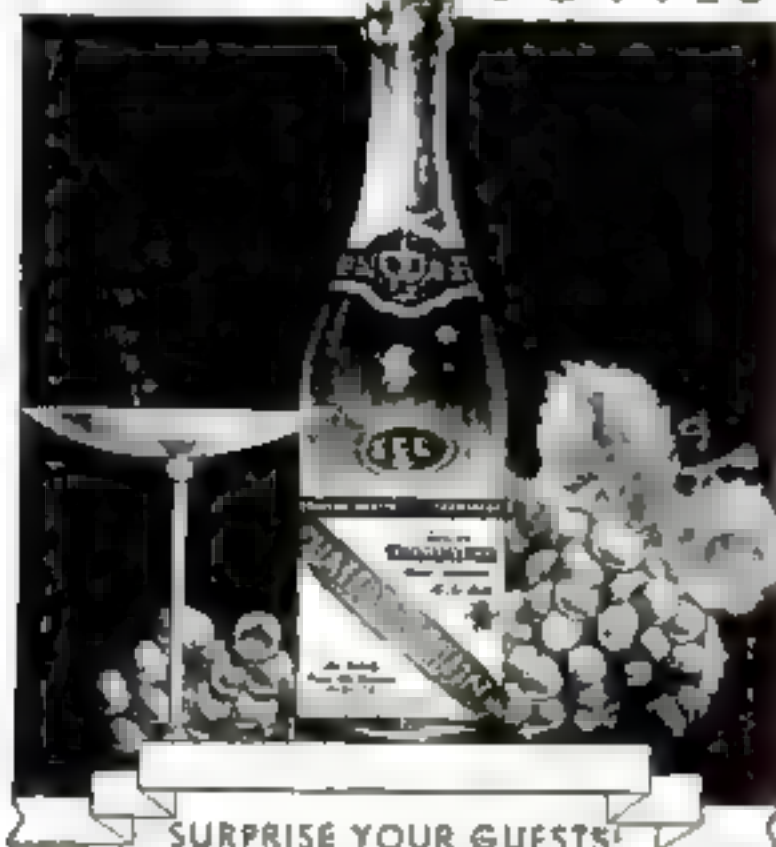
Yes! Palmolive Brushless is guaranteed to end stinging, burning shaves—or we'll gladly refund your money!

HERE'S WHY! Only Palmolive Brushless, of all nationally advertised shave creams, is enriched with olive oil! Containing just the right amount of this smooth oil, it actually lubricates your skin. Beard comes off clean and quick—yet your face feels cool, smooth, comfortable! Get Palmolive Brushless—next time you buy.



IF YOU WANT
to subscribe to LIFE, write to
F. D. PRATT, Circulation Manager
LIFE—330 East 22nd Street
Chicago, Illinois
AND ENCLOSE \$4.80

HOSPITALITY IN A SINGLE BOTTLE



SURPRISE YOUR GUESTS!
CHATEAU MARTIN
BRAND
American
CHAMPAGNE
EASTERN WINE CORPORATION • NEW YORK, N. Y.



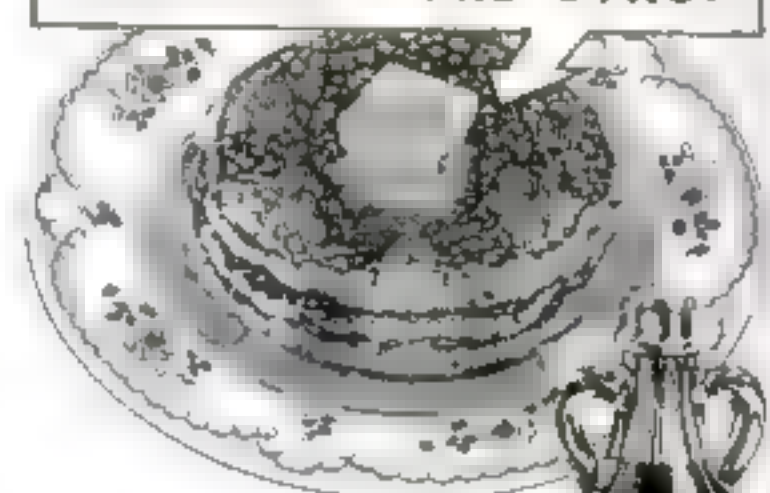
Sitting on the steps of Bowery Savings Bank is as close as "Itchy" gets to prosperity. He has one sister but doesn't know where she is. His wife died soon after they married.

THEY JUST NATURALLY GO TOGETHER!

PEACHES and CREAM



PANCAKES and VERMONT MAID SYRUP



• There's no finer dish than hot pancakes crowned to perfection with the true maple sugar flavor of Vermont Maid Syrup. For cheery morning smiles from your family—serve Vermont Maid Syrup often. It's delicious! Packed in Vermont.



Vermont Maid Syrup

It's different—IT'S BETTER
It's the pipe to give for Christmas

Here's a gift that will reflect your thoughtfulness—show that you took pains to give something out of the ordinary . . . For a Smokemaster is unlike any other pipe. It *side-tracks* moisture instead of merely trapping it. An ordinary pipe cleaner in the stem draws all moisture away from the smoke passage as fast as it forms. Smoke never passes through a saturated filter. Only clean, mellow tobacco smoke reaches the mouth . . . Truly a new and pleasant experience for many smokers!

Made in a wide range of handsome models to exacting Briarcraft standards.

\$1 & \$1.50 at your dealer's.

Write for booklet showing 32 shapes

BRIARCRAFT, INC.
347 Fifth Avenue
New York



Pat. No. 2,166,537
Moisture is drawn through slot in tube and absorbed by pipe cleaner underneath.

One of the \$1.50 Custom-made SMOKEMASTERS—still made in NEW IMPORTED BRIAR

Briarcraft Smokemaster
THE PIPE-CLEANER PIPE

CONTINUED ON PAGE 121

Problem of the Uninvited Guest



A WEIRD LITTLE GUEST lolls around watering the average highball. Who is he? Melting Ice. His air bubbles sneak out, swallow highball bubbles whole, and go joy-riding right out of your drink. Ice water di-

lutes what's left. That's when sparkle fades . . . flavor fizzles . . . in highballs made with ordinary mixers. Drinks aren't finished. Neither's your mixer. That's wasteful. What to do?



ARREST THIS NUISANCE. Use Canada Dry Water or Ginger Ale, as smart hosts do, and sip finer-flavored drinks. Their "PIN-POINT CARBONATION"—millions of tinier bubbles—keeps sparkle *alive!*



WHAT? STILL DANCING? Yes! You'll be amazed how much longer an opened bottle of Canada Dry Water or Ginger Ale, recapped and put in the refrigerator, holds its sparkle . . . its liveliness!"

P. S. When you're out, speak up for these finer mixers and get better drinks

CANADA DRY
*PIN-POINT CARBONATION the famous Canada Dry method of achieving livelier and longer-lasting zest.



Water • Ginger Ale

TOM COLLINS MIXER • LIME RICKEY

Buy the big bottle—save money—conserve caps

What Every Woman wants to know about a Man...



that Christmas and New Year's
symbolize more to him now
than ever before...
that even with his war duties,
he still keeps the holiday tradition,
sending flowers to her
—and gifts of Old Schenley to his friend.



that he serves a magnificent punch
to help ring out the old year
and ring in the new...
that he mixes the Egg-Nog
with "First Quality" ingredients,
choosing as the whiskey, Old Schenley,
America's Mildest Bottled in Bond!



RECIPE FOR A BOWL OF MERRY CHEFF . . . (serves twenty persons) . . . Beat separately yolks and whites of six eggs. Add one-half cup sugar to yolks while beating. Add one-quarter cup sugar to whites after they have been beaten very stiff. Mix egg whites with yolks. Stir in one pint cream and one pint milk. Add one pint Old Schenley Bottled-in-Bond and one ounce Baccus Rum. (89 Proof) Stir thoroughly. Serve very cold, with grated nutmeg. . . . **DELICIOUS!** ? ? ? Copyright 1942, Staggs-Finch Distillers Corporation, New York, N. Y.

DON'T SAY SWEATERS, SAY—
Tish-u-Knit
Designed by LORAN
IT PAYS TO INSIST ON
THIS FAMOUS LABEL



BOXER \$2.50 and up
Sweater \$3.95 and up

At stores everywhere, or write
OLYMPIC Hosiery Co., 1372 Broadway N. Y. C.
In Canada: See Hosiery Mills, Ltd. Montreal
Write for FREE Fashion Guide, and FREE Hosiery Tissue Book



A Gift All Will Enjoy

This year we are giving the friendliest gift we know... a Great Western Dinner for Eight Wine Assortment made up of a Great Western American champagne, an appetizer wine and a dinner wine. Together they make an economical answer to a difficult gift problem... and a present which is always in friendly good taste.

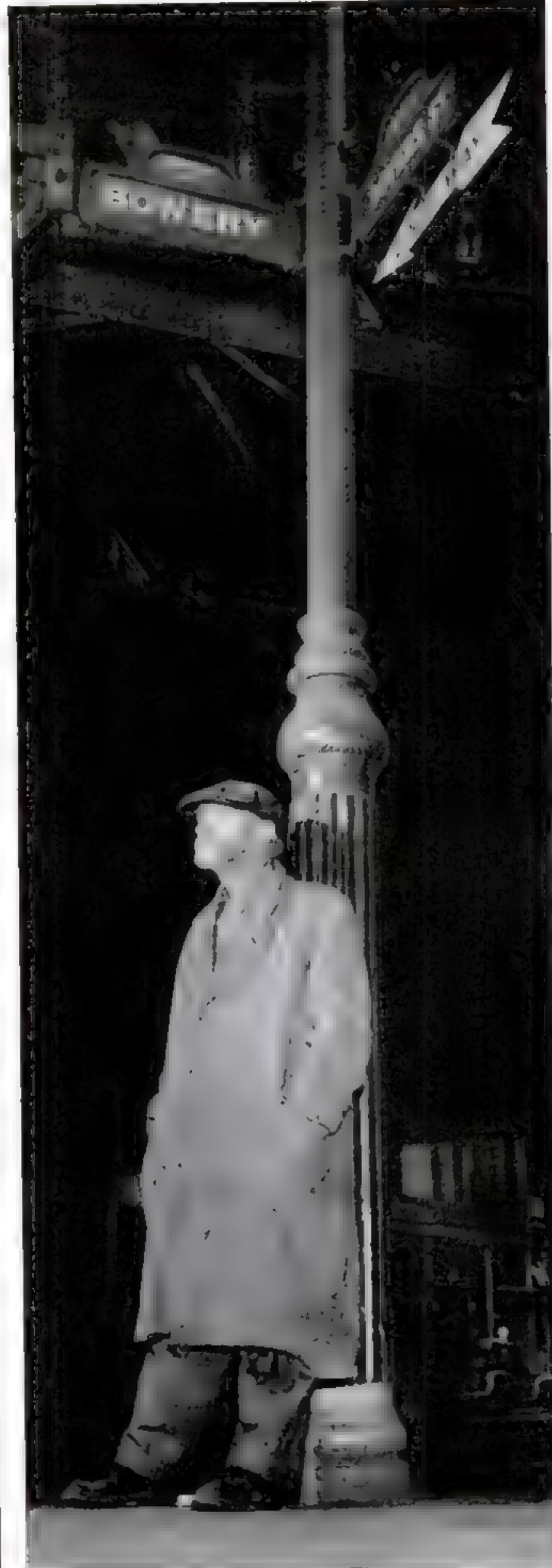
Great Western
DINNER FOR EIGHT
WINE ASSORTMENT



Send for free "Dinner for Eight" Recipe Book

FOR LIFE'S SPARKLING MOMENTS

Great Western
WINE—SINCE 1868
PLEASANT VALLEY WINE CO., RHINES, N.Y.



Crossroads of the Bowery offer "Tish-u-Knit" no pleasing choice of places to go. The one-way arrow points to mission where he can get bread, coffee and a bench to sleep on.



Do you mind if we serve the boys first?

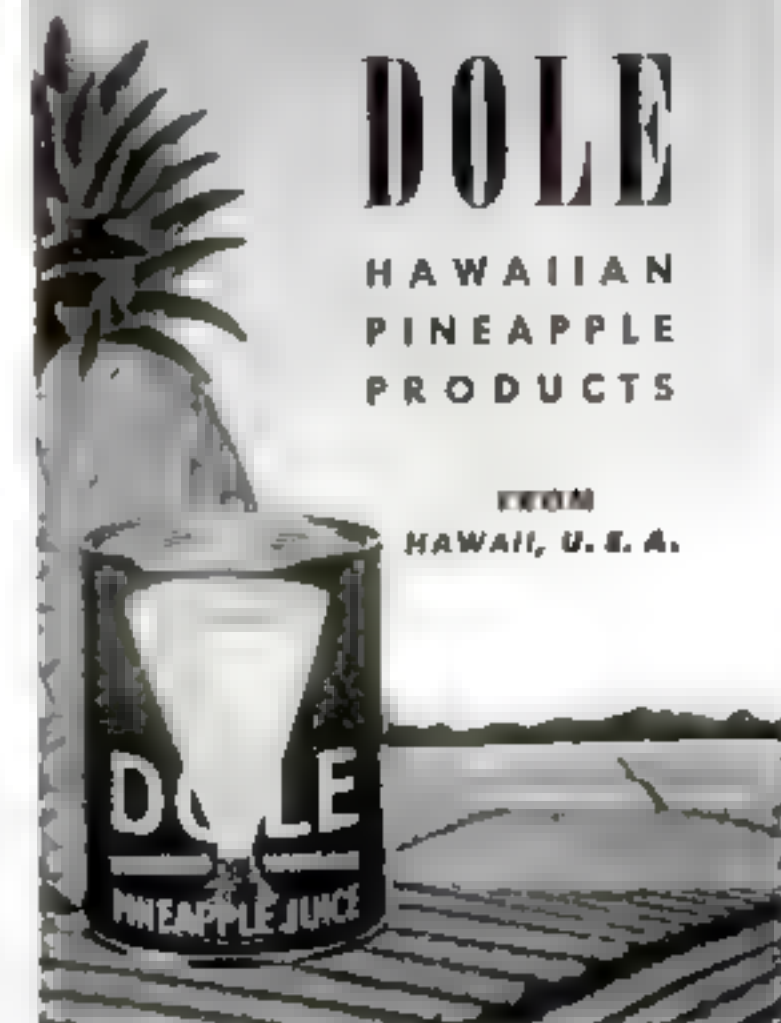
Every American family will be glad to know that our soldiers, sailors, and marines are getting pineapple all over the world.

To supply our armed forces will require one-third of the 1942 pack of Dole Hawaiian Pineapple and Dole Hawaiian Pineapple Juice.

A greater demand at home than ever before for Dole Pineapple Products makes the distribution of the balance a real problem.

This is due to appetites sharpened by war work, as well as a growing preference for canned fruits and juices which are good sources of vitamins B₁ and C.

Your grocer will do his best to distribute Dole Pineapple Products available to him so that everybody will have a fair share in the days to come.





In the post-war period, world air travel will be within the reach of the average man and his family.

Wings over the WORLD

After we have won the war—what then? Pan American has presented answers by leaders of thought in America, England and China. Here we present a view of the future, written by Jan Masaryk, whose mother was an American and who is now Vice Premier and Foreign Minister of the Czechoslovak Government in London.

"The World We Want Must Also Rest on Morality"

—says JAN MASARYK
vice premier of CZECHOSLOVAKIA

WHEN YOU OBSERVE the earth and the oceans from the air, you realize the relative smallness and the absolute oneness of the world. By the time this war is over, hundreds of thousands of men will have gained the experience of flying through vast spaces within infinitesimal fractions of eternity. That fact will stand out as a singularly powerful influence upon the mind of humanity.

Once the self-appointed demagogues and demigods of Europe and Asia are wiped out — and crushed completely, as they must be if we are to survive — the air-mindedness of the rising generations must be turned to the cause of peace, economic prosperity and the social security of all nations.

As printing press, gunpowder, compass, and astronomy were among the causes of the Renaissance, so today aviation, the microphone, the film and the synthetic raw materials offer equally strong stimuli to the material revolution which will place a new scale of values on our ideas and action.

The technical advance has stolen a march upon our mental capacity. To try to live according to rules which have long become obsolete compares with the vain struggle of the handweaver against the introduction of the automatic loom

We cannot live tomorrow by the rules of yesterday.

Sooner or later we shall have to readjust ourselves spiritually and intellectually to the changes produced by this material revolution and reshape our institutions accordingly.

In the field of economics *the supremacy of the common good*, as contrasted with selfish gains by a few, must be recognized and furthered by concerted national and international, private and public action.

Nor will the ability of men to cover long distances at high speed insure peace and material well-being. The world we want to live in must also rest on morality.

This terrible war has brought together all different nations, either as comrades in arms or as military op-

ponents. This war has also sharpened our sense of right and wrong.

After we have won

the war, we shall try to forget the past by looking forward; and then our conception of international morality will become even more clarified. In the past, international morality has been the Cinderella of diplomacy. Tricks and

double-crossing must disappear

from the intercourse among nations. Otherwise we are not worth saving.

Much has already been said elsewhere in favor of international co-operation versus isolation, economic expansion against restrictionism, super-nationalism against narrow chauvinism. With all that I agree. But, on top of it, and ahead of it, I would like to stress the need of expanding our *spiritual qualities* which will establish a more lasting peace and a happier world.



After the war, the *average* American need think no more of spending his vacation in another hemisphere than he recently thought of spending it in another state. Fares will be lower—air speeds higher.

Today, for Pan American employees—as for millions of other Americans—there are no vacations. In the past year, ten Pan American Clipper Captains have made six transatlantic crossings within ten days. That's an average of a transatlantic crossing, per man, every one and two-thirds days for a ten-day period.

Other Pan American Divisions have established equally outstanding records. Since it was founded, Pan American has completed well over 120,000,000 miles of overseas flight—a record unequaled by any other organization in the world. The experience gained by this pioneering work is now wholly devoted to the cause of victory . . . As are all our other facilities and trained personnel.

PAN AMERICAN WORLD AIRWAYS SYSTEM



PAN AMERICAN CLIPPERS



GRACIE FIELDS SINGS "THERE'LL ALWAYS BE AN ENGLAND" WITH BRITISH SERVICEMEN AT HER BROADCAST. TO THEM SHE IS "GRYDIE"—TO AMERICAN BOYS, "MISS FIELDS"

GRACIE FIELDS

English comedienne mugs and sings

One of England's best loved good-will ambassadors is irrepressible Gracie Fields. Appearing in the U.S. at night clubs, war benefits and on the radio, she has been living up to her reputation of being England's greatest comedienne. Able to turn from straggly singing to the raucous rendering of a cockney ballad, she has a versatile repertoire through which she crows and mugs, but when singing *There'll Be a*

Widow in *England* becomes more serious, *there it is*.

Born a poor girl in Lancashire, Gracie Fields began her career as a millworker, left to sing in pubs and music halls, later became the highest paid woman entertainer in the world. Always informal with her audiences, she tells them: "I'm 44. I have teeth that were made by a mechanic. I wear glasses. And my legs, well, I'm glad I earn my money with 'em, that."

CONTINUED ON PAGE 126



If you're a manufacturer, and would like 25" x 38" enlargements of this page, for posting in your plant, with all space below illustration left blank for your own message: write Aluminum Company of America, 1952 Gulf Bldg., Pittsburgh, Pa.

Once you've figured out that the main idea of this war is to give your Mary, and our Harry, the right, for always and always, to go to sleep unafraid . . . why then, you just naturally do better than your best. That's how sixty thousand of us here at Alcoa Aluminum have the thing sized up. This outfit of ours has built and is still building the greatest plants you ever saw. We've got the know-how and we're

giving it away freely to other Americans. We're plugging at our end of it, hammer and tongs, three shifts a day, "eight days" a week. We've been doing that for over two solid years. This outfit really got going early. That's why you're reading so soon about thousands of planes a month. Get ready, folks, to read about your ten thousands. Because tomorrow we're breaking the record we set today.

The men and women of

ALCOA ALUMINUM



Cresta Blanca sauterne ... Cresta Blanca haut sauterne ... Cresta Blanca chateau



Cresta Blanca chablis ... Cresta Blanca riesling ... Cresta Blanca claret ...



Cresta Blanca burgundy ... Cresta Blanca port ... Cresta Blanca sherry ...



serve the best...for little more!

For real enjoyment, pay but a little more for the wines that expositions have awarded gold medals for excellence... Cresta Blanca Wines, from the sun-drenched Cresta Blanca Valley of California. Drink Cresta Blanca to satisfy your own desire for the best and choose from the brilliant array above.

tune in! Cresta Blanca Carnival starring:
JACK PEARL and Morlon Gould Orchestra
Mutual Broadcasting System, every
Wed. at 9:15 p.m. to 10:00 p.m. (c.w.t.)
(See your local newspaper for
time in other areas)

**CRESTA
BLANCA**

the crest of quality since 1890



Cresta Blanca Wine Co., Inc., Livermore, California

★ make your dollars fight...buy war bonds and stamps!



Gracie Fields (continued)



Gracie Fields mugs while she sings her songs. Raised eyebrows, bulging teeth and pursed lips are part of her grimacing repertoire. Standing on little ceremony Gracie kids a grand opera aria and frequently turns a cartwheel to help put over a song.



GOTTA MOVE
FAST TO KEEP UP
WITH
OLD GOLD!

Give **Old Gold!**

LOWEST IN NICOTINE

LOWEST IN THROAT-IRRITATING TARS AND RESINS

IN IMPARTIAL
READER'S DIGEST TESTS

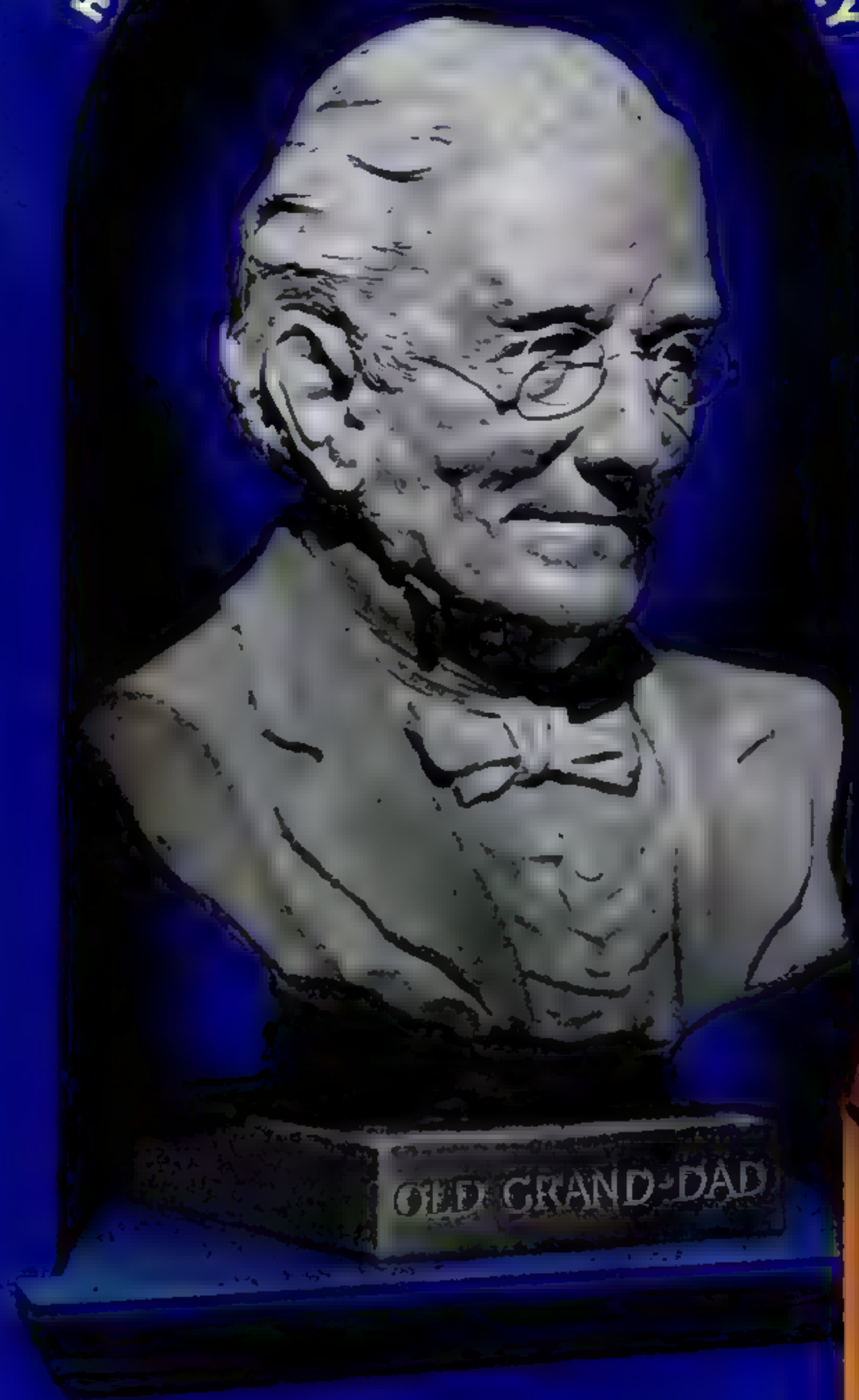
WHEN READER'S DIGEST published its recent report of cigarette tests, it was not trying to boost the sales of Old Gold or emphasize the superiority of any one of the 7 leading cigarettes tested by impartial scientists.

But—on two counts—in throat-irritating tars and resins and in nicotine content—the smoke of Old Gold was shown *lowest!* Both before and since this article appeared, the swing has been to Old Gold. This Christmas, give Old Golds to your friends and family, your soldiers, sailors and marines!

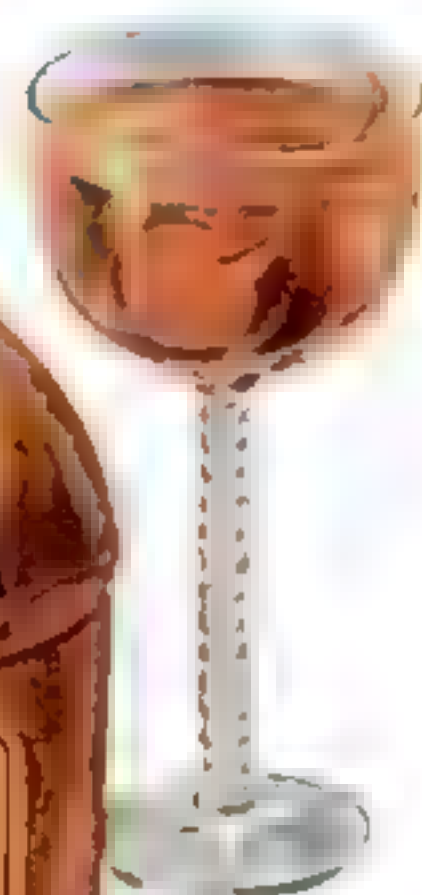
Two Beautiful Old Gold Christmas Packages

Take your choice! There's the colorful Old Gold Christmas carton, with 10 packs of 20 Old Golds—200 all told. And the handsome, richly embossed Old Gold Treasure Book, holding two flat 50's of Old Golds—100 in all. Either way, it means *more* smoking pleasure for your friends.

HEAD OF THE BOURBON FAMILY



ONE TASTE WILL
TELL YOU WHY



OUR first taste of Old Grand-Dad makes you remember the fragrance of Kentucky's honeysuckle, its warm and sunny meadows, the hospitality of its people. And you'll realize, too, how well and truly the title, "Head of the Bourbon Family," fits this great whiskey.

TAX NOTE: You pay no tax on the quality of a whiskey — only on the quantity. Why not choose the best?



FIRST STEP OF THE VAUGHAN METHOD IS TO TEACH FUNDAMENTALS OF STROKE AND BREATHING WHILE PUPILS STAND IN SHALLOW WATER. VAUGHAN DEMONSTRATES AT LEFT

SWIMMING SCHOOL

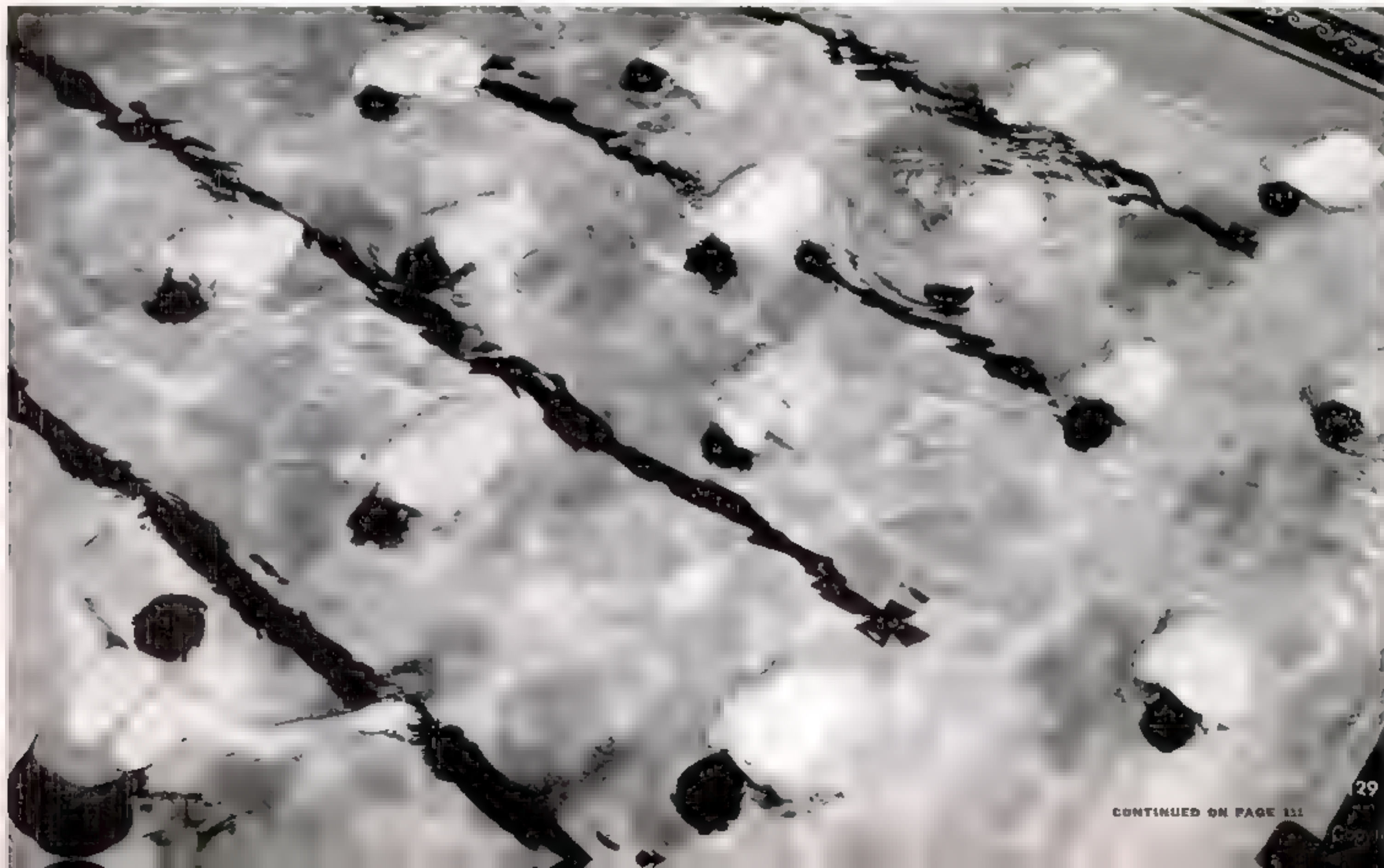
It is serious business for men fighting in an amphibious war

The young men shown here are learning to cope with a fearsome and often fatal medium: water. Some of them are Coast Guardsmen who spend most of their time on or near U. S. ships; others are Army GIs who hope to stay away from it as much as possible. All follow their lesson with grave concentration, for they know that it is one of the commonest hazards to human life in a war of the continents.

Lewis Vaughan, the man in the bathing suit at left

above and below, produces swimmers by the thousands who will probably never break a speed record, but who know how to float and swim with the greatest economy of effort. His method is psychological as well as physical, since swimming is an art of understanding water rather than fighting it. He has taught beginners to swim in 30 minutes; seldom takes longer than three hours. Here it is shown in the pool at the West Side Y. M. C. A. in New York with a typical class.

FLOATING UNDER WATER FAMILIARIZES CLASS WITH PHYSICS OF FLOATING. DISPELS BEGINNERS' FEAR. CLASS WEARS NAVY WHITES TO GET FEEL OF SWIMMING PARTLY CLAD





calling all last minute shoppers!

Hans Mollen

You can still give LIFE - by Airmail.

Use the Airmail Order Form bound into this copy of LIFE to list the names and addresses of the friends you want to please this Christmas with a grand gift - a gift of LIFE. Mail it right back to us (we will pay the Airmail postage)

And your friends will receive LIFE for Christmas - and all through the epic year to follow.

But be sure to mail your Airmail Order now!

LIFE'S Special Christmas Rates expire midnight December 31 st.
\$ 4.50 for the first subscription
\$ 3.50 for each additional gift

LIFE

330 East 22 Street - Chicago, Illinois

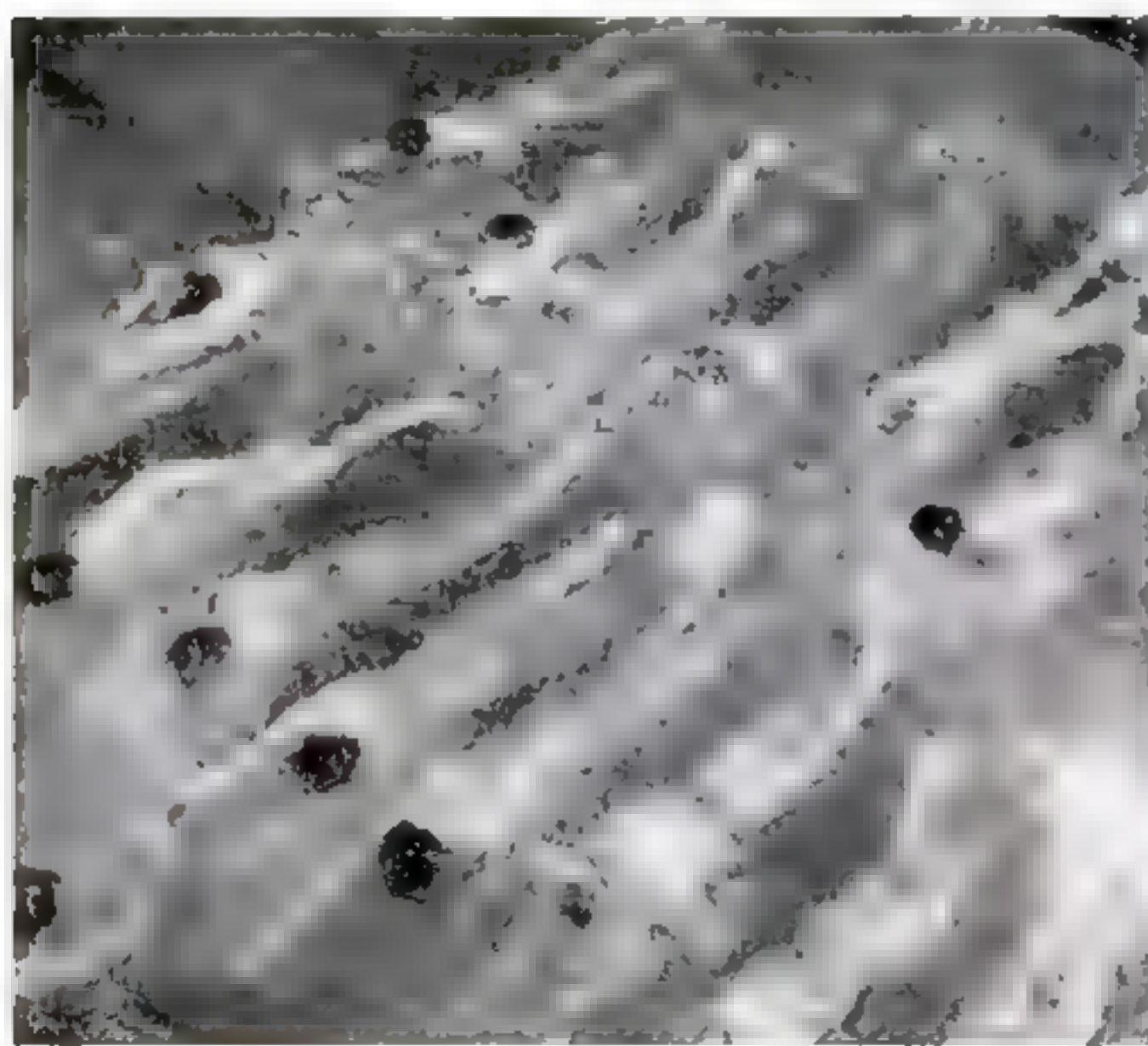
Swimming School (continued)



Kicking is taught in reverse because beginner wastes strength kicking down when he swims on stomach, with the same reflex as in walking. Vaughan corrects tendency.



Breathing taught by Vaughan is departure from orthodox. Swimmer exhales and inhales with mouth out of water, preserving buoyancy lost by exhaling under surface.



Stroking is taught by having swimmer concentrate on throwing arm forward instead of pushing it back, gaining impetus of forward motion. Japs have done this for years.

CONTINUED ON NEXT PAGE

Distinctive Gifts for

DISTINGUISHED
SERVICE

PARIS

THE SUPPORT OF A NATION



Smart to give, smart to receive—PARIS gifts for "Him"—distinctly styled, modestly priced, and famed for distinguished service. Your favorite store has the PARIS gifts illustrated, and others too. See them today ★ ★ ★ At Top: PARIS matched Set—\$2—famously comfortable "No Metal Can Touch You" PARIS Garters, and perfectly matched PARIS "Free-Swing" Suspenders that "can't skid off your shoulders." Suspenders have leather ends. Other Holiday Sets \$2 up ★ ★ ★ At Bottom: Cowhide lined cowhide belt with initialed two-tone buckle. \$1.50. Other smart PARIS Belt and buckle sets \$1.50 up ★ ★ ★ A. Stein & Company • Chicago • New York • Los Angeles

BUY U. S. WAR BONDS AND STAMPS FOR VICTORY

PARK & TILFORD RESERVE

*The best
to the best!*

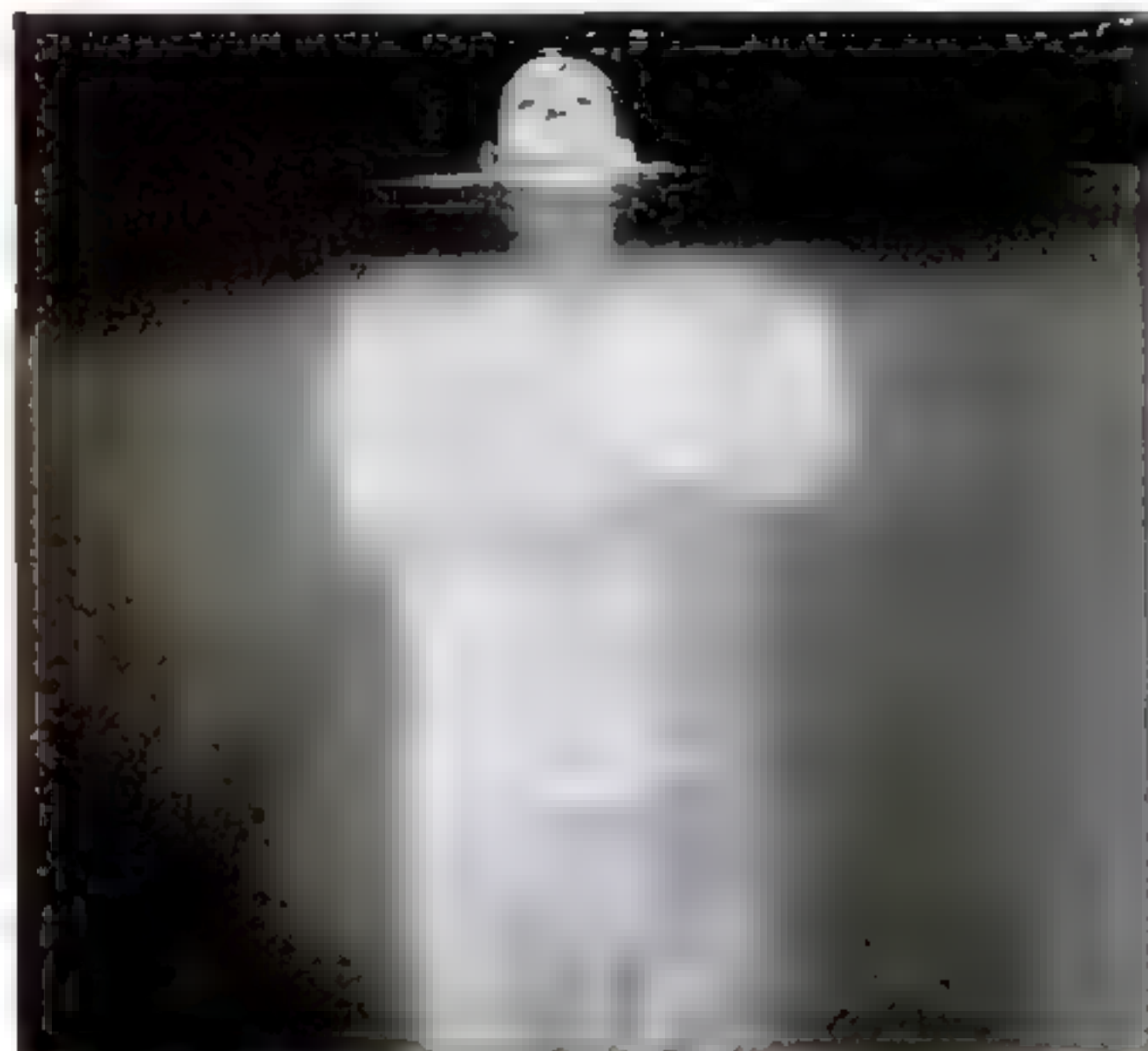


A gift in finest taste

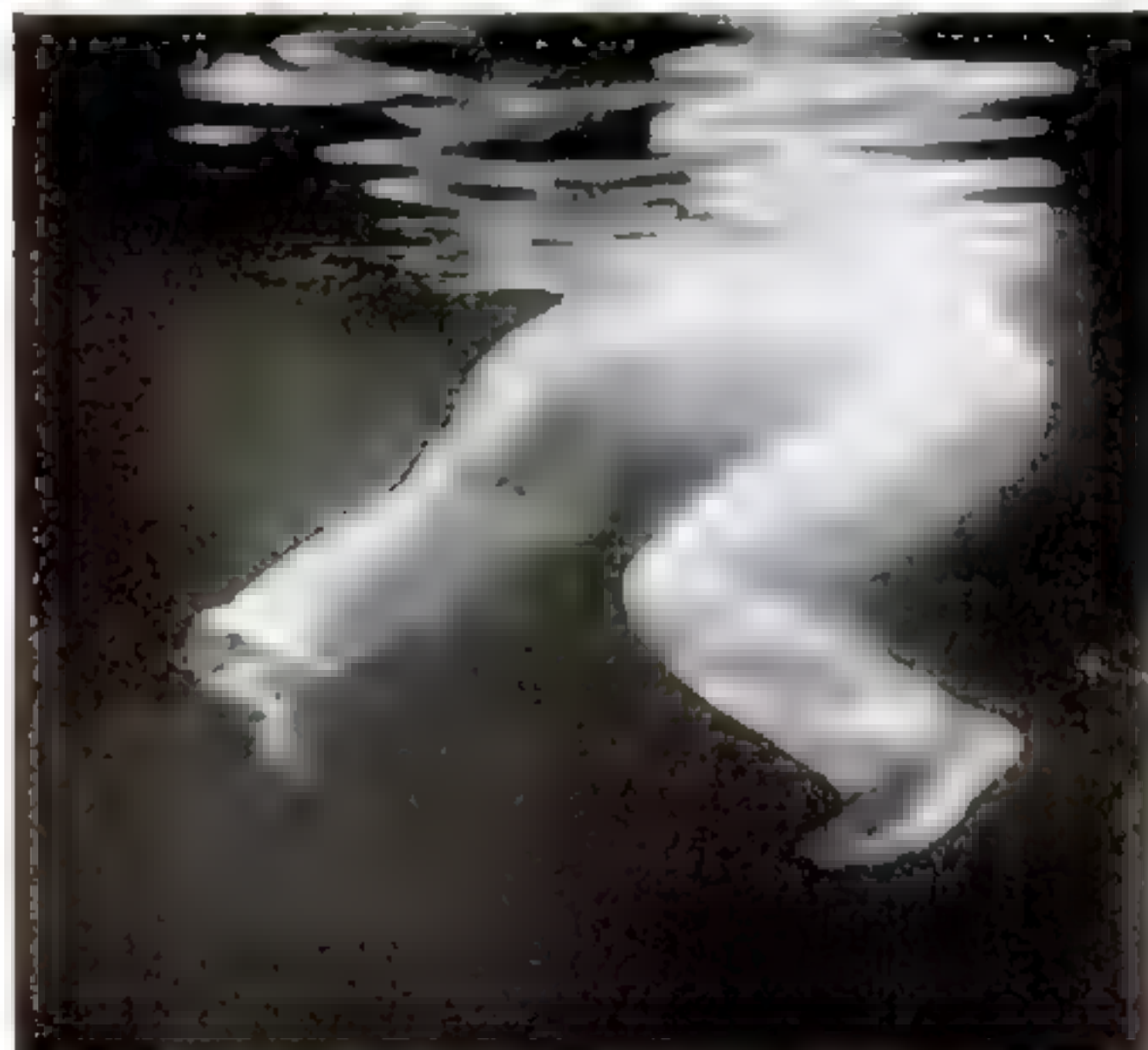
*—because it is the
finest-tasting Whiskey
of its type in America!*

PARK & TILFORD DISTILLERS, INC., NEW YORK, N.Y. • 70% GRAIN NEUTRAL SPIRITS • 85.0 PROOF

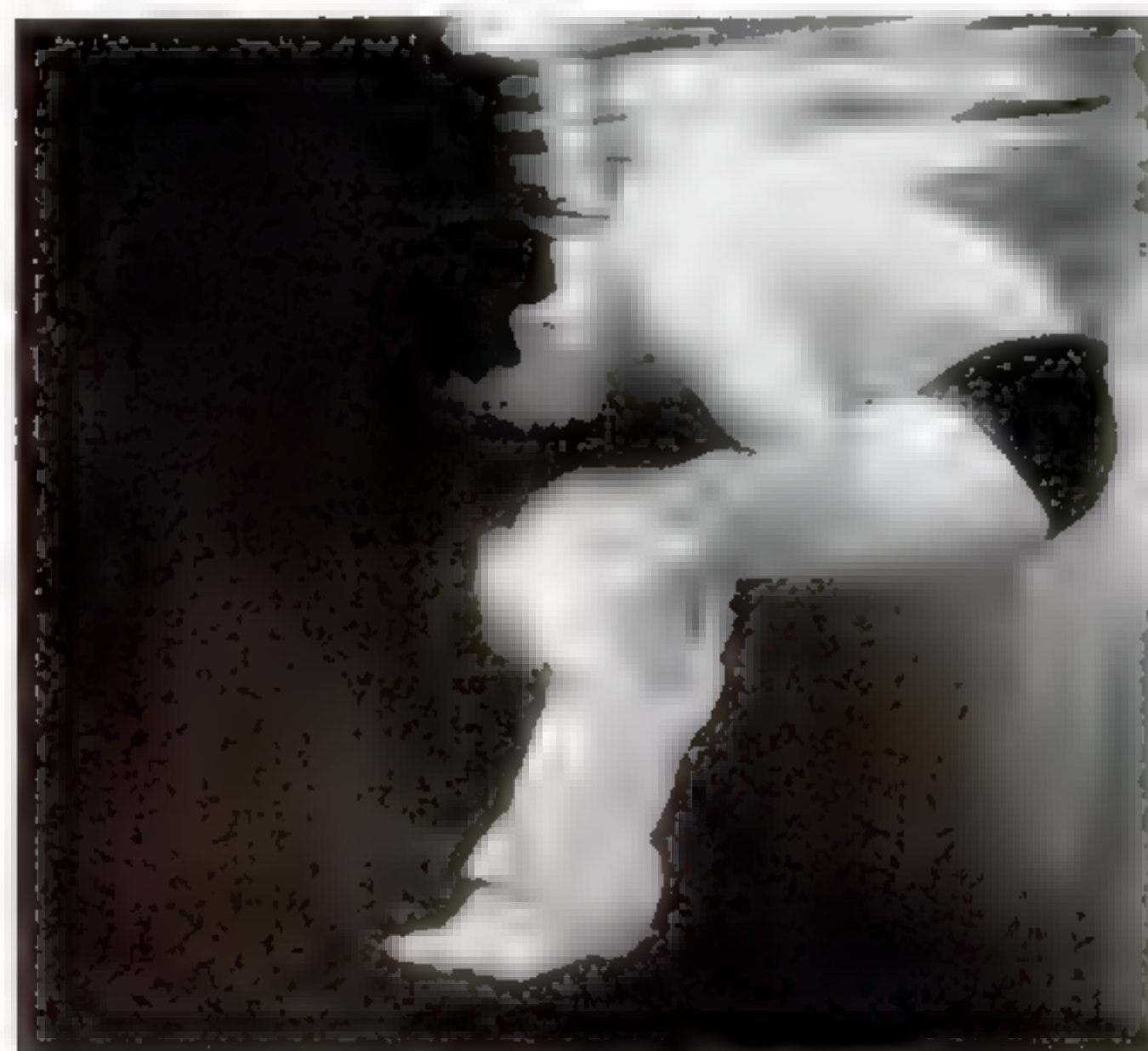
Swimming School (continued)



Floating technique is entirely relaxation and breathing control. This upright float is far better than treading water because it requires no wasteful expenditure of energy.



Undressing under water is occasionally necessary when the swimmer has no opportunity to do so beforehand. Here pupil takes off shirt while floating on lungful of air.



Swimmer takes off pants, still floating near surface. This exercise is principally to increase beginner's confidence in his ability to remain afloat while unable to swim.

"I'm Sorry Son-

... This year I just couldn't give you that ROADMASTER Bicycle you had your heart set on. You see son, it's like this: The people who made ROADMASTERS are now making war materials for your big brother and the millions of other American soldiers fighting for victory. That's why they can't make bicycles. This Christmas your dad's bought you a Victory bond and that's the best kind of a Christmas present. I know you understand and I hope that by next Christmas or the one following victory will be won and then you'll get your bicycle."

THE CLEVELAND WELDING CO.

West 117th St. at Berea Road • Cleveland, Ohio



Roadmaster
AMERICA'S *finer* BICYCLES

ONE FREEZE-UP CAN COST YOU YOUR CAR!

Vital replacement parts are hard to get—often impossible. Guard your motor against a damaged radiator—cracked block—or broken water line. Insist on the Positive Protection of safe, sure Thermo Royal Anti-freeze. Keep your car in condition all winter long!

PUBLICKER COMMERCIAL ALCOHOL CO., PHILADELPHIA

Get Positive Protection



PICTURES TO THE EDITORS

OHIO MIRACLE

Sirs:

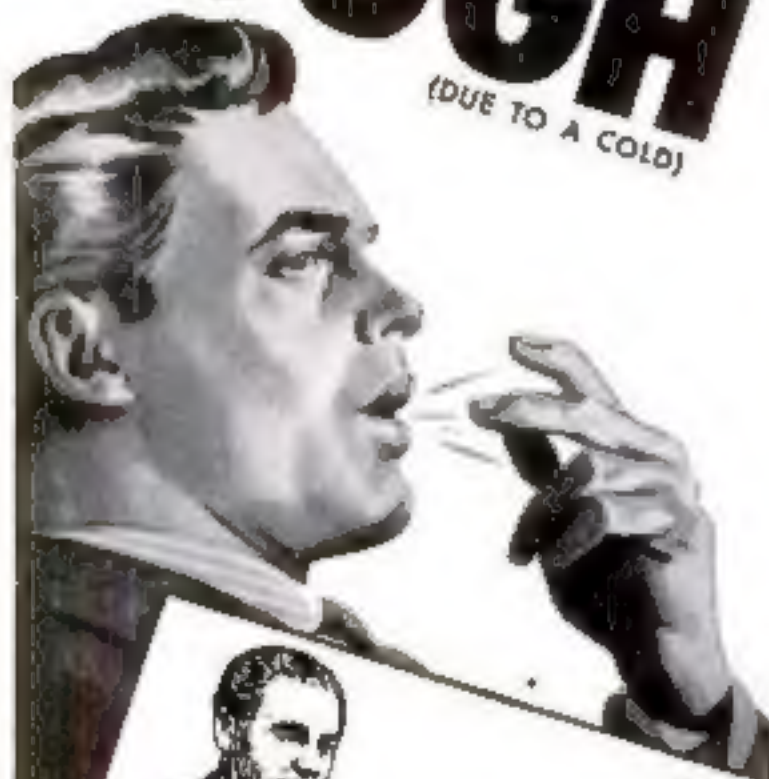
Two years ago I was only 4 ft. 5 in. tall and my legs were 11 in. too short. People considered me a midget but actually only my legs were dwarfed. I had them amputated and artificial ones put in their place. Now I am normal height and look just

like any other girl. I can even dance on my wooden legs. Indeed, there are advantages to my type of legs because their shape can be changed at will to suit my husband's taste perfectly. The three pictures (below) tell the story of my transformation.

MRS. LELIA CROOK
Hamilton, Ohio



**NOBODY
LIKES
YOU
WHEN YOU
COUGH**
(DUE TO A COLD)



**SMITH BROS.
COUGH DROPS**

It's an old American custom and a good one: at the first sign of a cough due to a cold, take Smith Bros. Since 1847 these famous Drops have been giving relief—soothing relief, quick relief. And they still cost only a nickel a box. Two kinds: **BLACK OR MENTHOL 5¢**

PICTURES TO THE EDITORS

(continued)

FIRST SMOKES

Sirs:

Clarence and James Aber felt quite satisfied with themselves when they lit their first cigarettes. But I don't think they will do much more smoking. For one thing, their dad who is in the Navy probably wouldn't like it. For another, neither do they. The first and third pictures are of Clarence and the middle one is of James.

CLARENCE E. ABER

Port Jervis, N. Y.



**RELIEVE
HEADACHES
NEURALGIA &
MUSCULAR ACHES**
WITH
QUICK
ACTING
"BC"



USE ONLY AS DIRECTED
ON PACKAGE
10¢ and 25¢



**MAKE YOUR GRAVY with
GRAVY MASTER**
HE'LL LIKE IT



MAKES THE MOST OF MEAT

Look
for this
bottle

FOR GOOD TASTE

Blatz

*You can be sure
there is Good Taste
in every "package"*

Is habit keeping you from discovering the merits of the dry beer that has no lingering aftertaste? Take the time to try it and we believe you will enjoy its refreshing taste more than any other beer. Order Blatz from your dealer.

*Milwaukee's Most
Exquisite Beer*

Blatz
Pilsener
BEER

16 12-02, 0N 32-02,
VICTORY BOTTLES

BLATZ BREWING CO., MILWAUKEE, WIS. • IN OUR NINETY-FIRST YEAR



FOLLOW THESE COMMON SENSE RULES OF CONSERVATION:



Use your flashlight sparingly. Make sure the switch is on only when needed.

Keep your flashlight in a dry, cool place—excess heat will dry out batteries.



Don't let children play with it. A flashlight is a highly practical utility, not a toy.

Unless batteries are LEAKPROOF, be sure to remove "dead" cells to prevent possible corrosion damage.



Don't throw away a broken flashlight. Minor repairs may make it good as new.

Don't hoard batteries. If everyone buys only what he needs, the supply may be enough to go around.



CONSERVE YOUR BATTERIES

Flashlights and flashlight batteries are made of materials needed for war. The supply for civilian use is limited.

For your own protection in times of emergency

TAKE GOOD CARE OF THE FLASHLIGHT YOU NOW HAVE

Ask First for Ray-O-Vac Leakproof Batteries. The best battery you can buy is a Leakproof—sealed-in-steel to safeguard your flashlight against corrosion. If your dealer still has them, you're fortunate. If not, it's because every Leakproof battery we can build is now reserved for the Army and Navy. In place of Leakproofs, dealers will carry the new Ray-O-Vac civilian battery—no longer sealed-in-steel but still made to Ray-O-Vac quality standards insuring dependable service.



RAY-O-VAC COMPANY
MADISON, WISCONSIN

PICTURES TO THE EDITORS

(continued)

HONORED ENEMY

Sirs:

This British soldier could have changed American history. At the battle of Brandywine in 1777, Col. Patrick Ferguson, intervened as one of his sharpshooters leveled a rifle. "Don't shoot," he ordered. "That is General George Washington. He should never be shot in the back."

Three years later Colonel Ferguson was killed in the battle of Kings Mountain, in which he commanded the British forces, and was buried where he fell. For 162 years a cairn of rocks has been maintained at his grave. Then, on the 150th Anniversary of his death, the descendants of other Scots who live in this region erected this monument to his memory.

OLIVER M. GARDNER

Shelby, N. C.



THIS FERGUSON IS IN N. C. MUSEUM



HOME-FRONT DECORATIONS

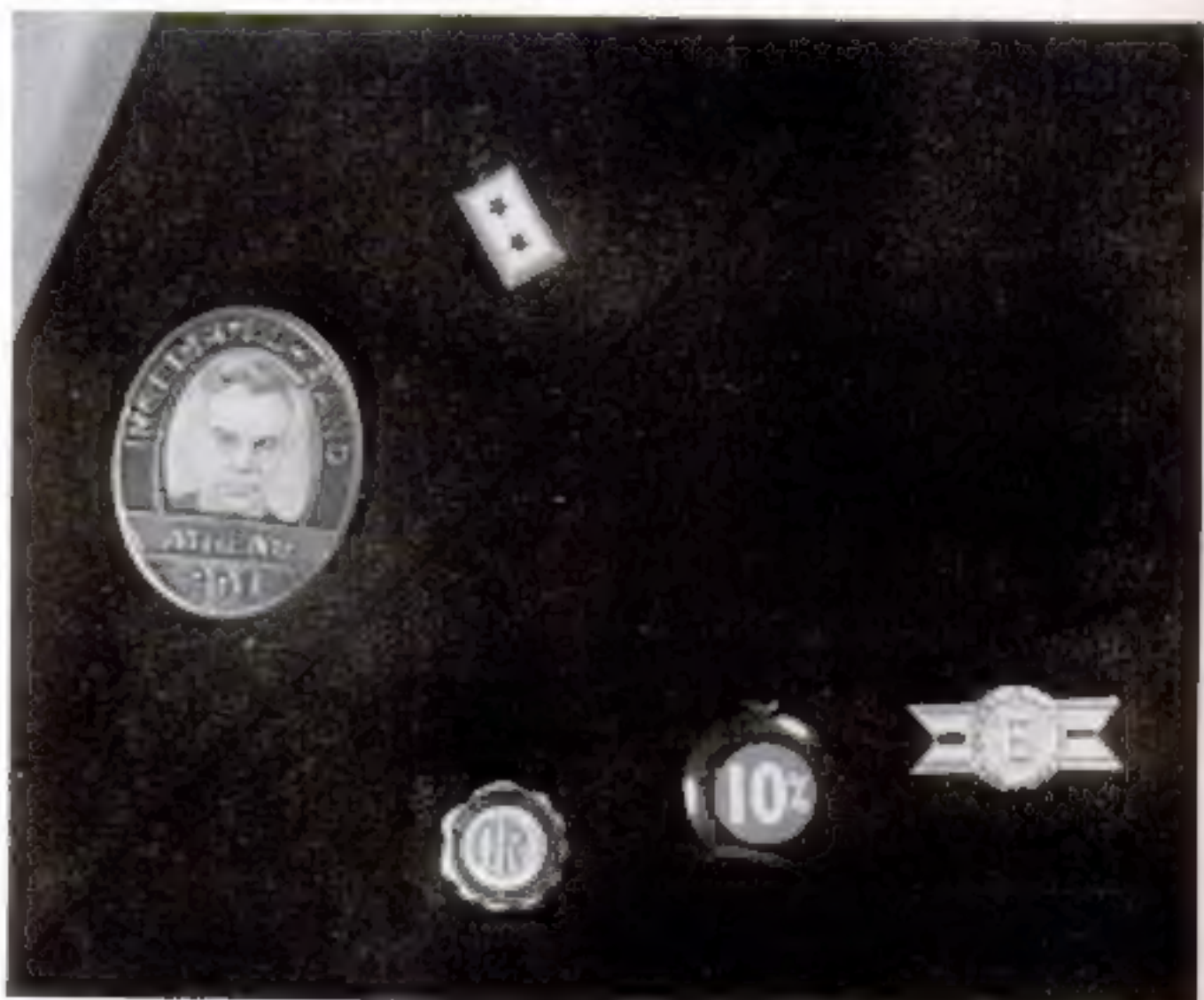
Sirs:

Heroes aren't the only ones being decorated these days. Here you see what one war worker's coat looks like when he puts

all his official "decorations" on, plus the two stars signifying two sons in service. I should know, because they're mine.

R. F. HUTTS

Sayre, Pa.



CONTRIBUTIONS: Minimum rates for all rights, including resale and reuse: \$5 per photograph. Amateur photographers are welcome as contributors but their work must compete with professionals on an equal basis and will be judged (and paid for) as such. Unsolicited contributions however, whether professional or amateur, will be neither acknowledged nor returned unless accompanied by adequate postage, packing and directions. LIFE will not be responsible for safe handling of some either in its office or in transit. Payment will be made only on approval and publication. Address all correspondence about contributions to CONTRIBUTIONS EDITOR, LIFE Magazine, TIME & LIFE Building, Rockefeller Center, New York.



Xmas Gift List
 Dad - English Pipe
 Aunt Sue - Silk hosiery
 Suzanne - Imported perfume
 Uncle Joe - Silk handkerchiefs
 Miss - Costume jewelry

“INSTEAD”... Give Cordials

by

Hiram Walker



Don't despair because the usual luxury gifts are scarce or unobtainable this year.

Richly packaged like rare, imported treasures, Cordials by Hiram Walker provide an assortment of luxury gifts as varied as your friends... Kummel with its odd, dry, spicy flavor for a sophisticated friend... bland, rich Crème de Cacao for a friend with pampered tastes... tangy Blackberry Cordial with the sun-warmed flavor of the

berry-patch, for a friend who remembers his farm upbringing.

And give a smart, “different” touch to your own holiday feast by serving the “Two-Striper”... the exciting new after-dinner drink made by combining two fine Cordials by Hiram Walker. Just half-fill a liqueur glass with Crème de Cacao, then carefully float green Crème de Menthe on top to fill. It's delicious... tastes like an after-dinner chocolate mint—plus!



*Crème de Menthe, 60 proof. Crème de Cacao, 60 proof. Kummel, 80 proof. Blackberry, 75 proof. Triple Sec, 80 proof.
 Copr. 1942, Hiram Walker & Sons Inc., Peoria, Illinois*



©1938, 1940, STEPHEN P. WHITMAN & SON, INC., PHILA.



It's traditional at Christmastime to gladden the family—young and old—with Whitman's famous Sampler! In the well-loved cross-stitch box there's a rich selection of nutty and honey caramels, nougats, chocolate-covered nuts and fruits, creams and other delicious candies. \$1.50, \$3.00 and \$5.00 sizes.

★ DON'T FORGET... SOMEONE IN THE SERVICE WANTS WHITMAN'S!

THE FAIRHILL—Outstanding assortment at popular prices! Choice fruits, caramels, crisp centers, marshmallows, nuts, smooth creams and other favorite pieces. \$1.10 and \$2.20 sizes.

FRUITS and NUTS—The most delightful chocolate-covered walnuts, brazils, cashews, liquid cherries and pineapple, figs and dates, other mouth-watering selections. \$1.25 and \$2.50 sizes.



ALL BOXES BEAUTIFULLY DECORATED FOR CHRISTMAS